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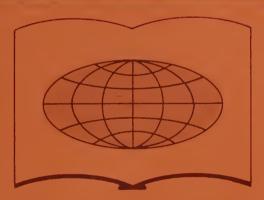
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Pesticides DOCUMENTATION BULLETIN

U.S. DEPT. OF REALIZABLE LIES.
HATTOWN ACRICULTURAL LIES.



Volume 4 December 6, 1968 Number 25



U.S. DEPARTMENT OF AGRICULTURE

PESTICIDES DOCUMENTATION BULLETIN

Volume 4
December 6, 1968
Number 25

A Bi-Weekly Publication of U.S. Department of Agriculture

OBJECTIVES AND SCOPE

The Pesticides Documentation Bulletin is compiled by the National Agricultural Library's Pesticides Information Center to facilitate national research efforts in all aspects of pest control. This bi-weekly index to the literature includes coverage of diseases, insects, nematodes, parasites, weeds and other pests affecting plants, animals, man, our natural resources and other values in man's environment. Special emphasis is given to the literature on toxicological, physiological and epidemiological aspects of pests and their control by chemical biological and integrated methods.

For broader coverage of literature on agriculture and related subjects, please consult the *Bibliography of Agriculture*, a monthly publication of the National Agricultural Library.

FORMAT

The *Bulletin* is a categorized bibliography, with citations arranged alphabetically by author under the following major subjects:

- 10 Entomology
- 20 Crop Protection
- 30 Livestock Protection
- 40 Commodity Protection
- 50 Environmental Contamination
- 55 Residues
- 60 Toxicology
- 65 Plant Physiology & Biochemistry
- 70 Chemistry
- 80 Engineering
- 90 Industry

Citations: Each citation consists of an accession number assigned serially with the last two digits representing the Bulletin's issue year, i.e. 3286-67. The citation number (minus the year) is used in all indices. Following the accession number is the full title of the article; all personal authors; an abbreviated journal title; volume, issue and inclusive page numbers; date of publication; language abbreviation, if other than English; and the National Agricultural Library's call number. Subject descriptors, patent or grant numbers, bibliographer's notes, and abstracts or extracts may follow each citation when appropriate.

Subject Index: Subject descriptors appear in the index followed by title arranged numerically by accession number. The Agricultural/Biological Vocabulary developed by the National Agricultural Library is used as a basic thesaurus of descriptors.

Biographical Index: Names of first authors are arranged alphabetically, followed by organizational affiliation and accession number.

Author Index: Names of personal authors are arranged alphabetically, followed by accession numbers of pertinent citations.

Organizational Index: Names of corporate authors or sponsoring organizations are arranged alphabetically followed by accession numbers of pertinent citations.

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The INTREDIS Register is a computer data bank in the field of forest pathology. It contains title and author references to abstracted articles including subject, country, host plant genus or species, organisms causing the diseases, abstracting journal and year of publication. The computer search uses boolean parameters in any combination of elements listed.

The Herbicides Data File consists of reports on field tests conducted by the Crops Protection Research Branch, Crop Research Division, Agriculture Research Service. Each test record contains the following items of information:

Compound Tested

Company furnishing the compound

Author or Investigator

Test Sponsor

Date

Location

Mode of Application

Rates of Application

Soil Types

Carriers

Crops or Weeds tested with phytotoxicity ratings

Associated documentation

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ACKNOWLEDGMENT

The Pesticides Information Center, National Agricultural Library, gratefully acknowledges the cooperation and assistance of the Department of Defense; Health, Education, and Welfare; and Interior; the Federal Committee on Pest Control, and state and industrial organizations in the development of the Center and preparation of this Bulletin. Special thanks are expressed to the Federal Committee on Pest Control for its suggestions and support. We hope the Bulletin will serve as an example of the effectiveness of interdepartmental cooperation and the speed with which effective services can be developed through a coordinated and cooperative interdepartmental effort.

Use of funds for printing this publication approved by the Director of the Bureau of the Budget (May 23, 1968).

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This publication reports research involving pesticides. It does not contain recommendations for their use, nor does it imply that the uses discussed here have been registered. All uses of pesticides must be registered by appropriate State and/or Federal agencies before they can be recommended.

CAUTION: Pesticides can be injurious to humans, domestic animals, desirable plants, and fish or other wildlife—if they are not handled or applied properly. Use all pesticides selectively and carefully. Follow recommended practices for the disposal of surplus pesticides and pesticide containers.

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TABLE OF CONTENTS

BIBLIOGRAPHY (Citations)	Pas
10 ENTOMOLOGY Systematics Physiology and Biochemistry Genetics Medical Entomology	I
20 CROP PROTECTION Diseases Arthropods Nematodes Weeds Other Pests	I I I 1 1
30 LIVESTOCK PROTECTION Diseases Arthropods Parasites	1 1 2 2
40 COMMODITY PROTECTION Storage Diseases. Arthropods. Rodents and Other Pests. Microbial Contamination.	2 2 2 2 2 2
50 ENVIRONMENTAL CONTAMINATION	2
55 RESIDUES	2
60 TOXICOLOGY	2
70 CHEMISTRY	2
80 ENGINEERING	2
90 INDUSTRY Economics Education Regulations	2 2 2 2
SUBJECT INDEX	2
BIOGRAPHICAL INDEX	7
AUTHOR INDEX	8
ORGANIZATIONAL INDEX	- 8

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ENTOMOLOGY

22243-68

INSECTS AND MITES ON TEA IN AFRICA AND ADJACENT ISLANDS.

D M Benjamin

East Afr Agr Forest J 33(4):345-351 REF

Apr 1968 24 EA74

Geography, Insects, Mites, Research, Tea.

A DRY ICE-BAITED TRAP FOR THE COLLEC-TION AND FIFED STORAGE TION AND FIELD STORAGE OF HE-MATOPHAGOUS DIPTERA.

G R DeFoliart C D Morris

J Med Entornol 4(3):360-362

10 Aug 1967 421 J828

Diptera, Insect collecting equipment, Insect protective devices, Research, Storage, Traps.

SEASONAL SUCCESSION OF BLOODSUCKING DIPTERA IN WISCONSIN DURING 1965.

G R DeFoliart M R Rao C D Morris

J Med Entornol 4(3):363-373 10 Aug 1967 421 J828

Blood meal, Blood parasites, Diptera, Insect names, Research, Tables (data), Traps.

TICKS (IXODIDAE) COLLECTED DEUTSCHE INDIEN-EXPEDITION 1955-1958.

H Hoogstraal G Rack

J Med Entornol 4(3):284-288

10 Aug 1967 421 J828

Insect vectors, Ixodides, Kyasanur forest disease, Research, Virus diseases (insects).

SIGNIFICANCE OF FLUCTUATING HUMIDITIES AND FREQUENCY OF BLOOD MEALS ON THE SURVIVAL OF THE SPINY RAT MITE, ECHINOLAELAPS ECHIDNINUS (BER-LESE).

W Knulle

J Med Entomol 4(3):322-325

10 Aug 1967 421 J828

Blood meal, Echinolaelaps echidninus, Environment, Feeding, Humidity, Research, Water.

ST. LOUIS ENCEPHALITIS IN MCLEAN-SBORO, ILLINOIS, 1964.

R H Kokernot J Hayes N J Rose T H Work

J Med Entomol 4(3):255-260

10 Aug 1967 421 J828

Antibodies, Culex pipiens pipiens, Laboratories, Research, Saint louis encephalitis, Serological

22249-68

A STANDARD YELLOW JACKET TRAP FOR POPULATION SAMPLING AND CONTROL EVALUATION.

C J Rogers T H Lauret

J Econ Entomol 61(6):1739-1740

16 Dec 1968 421 J822

Insect control, Insect traps, Population, Sampling (statistics), Vespidae.

HOST-FEEDING PATTERNS OF ANOPHELES FREEBORNI IN THE SACRAMENTO VALLEY, CALIFORNIA.

R K Washino C H Tempelis

J Med Entomol 4(3):311-314 REF 10 Aug 1967 421 J828

Anopheles freeborni, Feeding, Insect behavior,

SYSTEMATICS

DIPTERA FROM NEPAL. ANTHOMYIIDAE. D M Ackland

Brit Mus (natur Hist) Entomol Bull Suppl 20(4):107-139 REF 1967 420 B773

Anthomyiidae, Catalogs, Insect taxonomy, Zoogeography.

ANGIONEURA ACERBA (MEIGEN, 1838) (DIP-TERA, CALLIPHORIDAE) NEW TO BRITAIN.

D M Ackland

Entomologist (london) 100(1248):122-123

May 1967 421 EN8

Calliphoridae, Insect taxonomy,

A NEW SPECIES OF CRANE FLY FROM GHANA (DIPTERA, TIPULIDAE).

C P Alexander

Entomologist (london) 100(1248):124-127

May 1967 421 EN8

Insect taxonomy, Surveys, Tipulidae.

ELENCHUS TENUICORNIS (KIRBY) (COLEOP-TERA, STYLOPOIDEA, STYLOPIDAE) IN CHESHIRE.

R R Askew

Entomologist (london) 100(1255):303

Dec 1967 421 EN8

Insect taxonomy, Stylopidae.

22255-68

RATZEBURGIOLA ERDOS (HYMENOPTERA, EULOPHIIDAE), A GENUS NEW TO THE BRITISH ISLES.

R R Askew

Entomologist (london) 100(1254):287

Nov 1967 421 EN8

Eulophidae, Insect taxonomy.

THREE NEW SPECIES OF PHYTOSEIID MITES PREYING ON THE COTTON WHITE FLY, BEMISIA TABACI IN THE SUDAN (ACARINA: PHYTOSEIIDAE).

Entomologist (london) 100(1247):106-111

Apr 1967 421 EN8

Acarina, Bemisia tabaci, Insect taxonomy, Parasitic mites.

ABNORMAL INDIVIDUALS AND TAXONOMIC ERRORS (HYMENOPT.). (FR)

I D Beaumont

Deut Entomol Ges Mitt 18(6):90-92

15 Dec 1959 420 D482

Abnormalities, Hymenoptera, Insect identification, Taxonomy.

22258-68

THE NATURAL GROUPS OF CAMP-SOMERIELLA BETR., 1941 (HYMENOPTERA SCOLIIDAE).

J G Betrem

Entomol Ber 27(2):25-29

01 Feb 1967 420 N38B

Insect taxonomy, Scoliidae, Zoogeography.

REVISION OF PALAEARCTIC SPECIES OF EUSANDALUM RATZ. HYM., EUPELMIDAE).

Z Boucek

Acta Ent Bohemoslov 64(4):261-293 REF 20 Jul 1967 420 C33

Catalogs, Hymenoptera, Insect taxonomy.

22260-68

THE DERMAPTERA OF THE NATURHIS-TORISKA RIKSMUSEUM, STOCKHOLM. PART III.

A Brindle

Arkiv Zool 20(6):533-552

15 Nov 1968 410.9 SV22

Catalogs, Dermaptera, Insect taxonomy, Zoogeography.

22261-68

TWO NEW SPECIES OF ARGASID TICKS (IX-ODOIDEA, ARGASIDAE) FROM CUBA.

V Cerny

Folia Parasitol 14(2):141-160

May 1967 436.8 C33

Argasidae, Bats, Insect taxonomy.

CHELIFERA APERTICAUDA COLLIN (DIPT., EMPIDIDAE IN KENT WITH NOTES ON OTHER EMPIDS.

Entornologist (london) 100(1245):25-26

Fcb 1967 421 EN8

Empididae, Insect taxonomy, Surveys, Zoogcography.

22263-68

LECTOTYPE DESIGNATIONS OF CERAM-BYCIDAE IN THE BRITISH MUSEUM (NATU-RAL HISTORY) (COLEOPTERA).

J A Chemsak

Kans Entomol Soc J 40(1):73-81

Jan 1967 420 K13

Cerambycidae, Insect identification, Insect names, Research.

22264-68

LECTOTYPE DESIGNATIONS OF CERAM-BYCIDAE IN THE MUSEUM D'HISTOIRE NATURELLE, PARIS (COLEOPTERA).

J A Chemsak

Kans Entomol Soc J 40(1):81-83

Jan 1967 420 K13

Cerambycidae, Insect identification, Insect names, Research, Taxonomy.

SEASONAL ABUNDANCE OF TABANIDAE AT MAZABUKA, ZAMBIA.

J E Clarke

Roy Entornol Soc London Proc Ser A Gen Entomol 43(7/9):108-121 MAP

31 Oct 1968 420 L84PA

Climate, Insect taxonomy, Insect traps, Research, Tabanidae, Temperature.

22266-68

CONTRIBUTION TO THE STUDY OF THE CAECULIDAE. IV. PROCAECULUS BRYANI JACOT, 1936 (ACARIENS: PROSTIGMATES). (FR)

Y Coineau

Pacific Insects 9(4):709-720

20 Nov 1967 421 P11

Acarina, Insect taxonomy, Zoogeography.

22267-68

THE INDO-ORIENTAL TRIBE CHERITRINI (LEPIDOPTERA: LYCAENIDAE).

C F Cowan

Brit Mus (natur Hist) Entomol Bull Suppl 20(3):77-103 REF 1967 420 B773

Catalogs, Insect taxonomy, Lycaenidae.

22268-68 HYMENOPTERA **FROM** TURKEY. SPHECIDAE, I. (FR)

J De Beaumont P Roth

Brit Mus (natur Hist) Entomol Bull Suppl 19(5):253-382 REF 1967 420 B773

Catalogs, Insect taxonomy, Sphecidae, Zoogeography. English abstract

22269-68

SOME NEW AMERICAN SARCOPHAGIDAE (DIPTERA).

Pacific Insects 9(4):679-686 20 Nov 1967 421 P11

Insect taxonomy, Sarcophagidae, Surveys.

22270-68

A REVISION OF THE TERTIARY FOSSIL SPECIES OF THE KALOTERMITIDAE (ISOPTERA).

A E Emerson

Amer Mus Novitates (2359):1-57 MAP REF 10 Fcb 1969 500 N4830N

Catalogs, Ecology, Insect evolution, Insect taxonomy, Paleoentomology, Termites, Zoogeography.

22271-68

THE RED CURRANT GALL MITE CECIDOPII YOPSIS SELACHODON N. SP.

G L van Eyndhoven

Entomol Ber 27(8):149-151

01 Aug 1967 420 N38B

Ceeidophyes ribis, Inscet taxonomy.

22272-68

THE ALYSIINAE (HYM. BRACONIDAE)
PARASITES OF THE AGROMYZIDAE (DIPTERA). VI. THE PARASITES OF
CERODONTIIA RONDANI S. I.

G C D Griffiths

Beitr Entornol 18(1-2):63-152 REF

1968 421 B392

Agromyzidae, Braconidae, Catalogs, Inseet taxonomy, Parasitism, Zoogeography.

22273-68

ON THE COLLEMBOLA OF THE SOVIET UNION. III. PROISTOMA (DIMORPHIELLA) MURIPHELA N. SUBGEN., N. SP., FROM NOVOSIBIRSK. (GE)

A Grinbergs

Opusc Entomol 33(1-2):139-142

1968 421 OP7

Collembola, Insect taxonomy

22274-68

GOLANUDIPLOSIS JAPONICUS--A NEW MIDGE ATTACKING COMSTOCK MEALYBUG IN JAPAN (DIPTERA: ITONIDIDAE).

P Grover S N Prasad

Beitr Entomol 18(1-2):213-220

1968 421 B392

Cecidomyiidae, Inseet taxonomy, Oriental region, Predaceous inseets, Pseudococcus comstocki.

22275-68

COLLECTING IN TURKEY 1959, 1960, 1962.

K M Guichard D H Harvey

Brit Mus (natur Hist) Entomol Bull Suppl

19(4):223-250 MAP 1967 420 B773

Climate, Entomology, Topography.

A list of collecting localities and their topographic and elimatic descriptions is presented for three entomological collecting expeditions for the British Museum (Natural History) in Turkey in 1959, 1960 and 1962.

22276-68

CONTRIBUTION TO THE MORPHOLOGICAL AND BIOLOGICAL STUDY OF TETRANYCHUS NEOCALEDONICUS ANDRE 1933 (ACARINA-TETRANYCHIDAE) COTTON RED-SPIDER IN MADAGASCAR. (FR)

J P Gutierrez

Coton Fibres Trop 22(2):183-195 REF

Jun 1967 73.8 C82

Drug therapy, Insect biology, Insect control, Insect morphology, Insect taxonomy, Reproduction, Research, Tetranychus neocaledonicus. English summary

22277-68

RECENT HEMIPTERA OF THE CANARY ISLANDS. (GE)

N Gyllensvard

Arkiv Zool 20(6):553-564

15 Nov 1968 410.9 SV22

Catalogs, Hemiptera, Inseet taxonomy, Surveys, Zoogcography.

22278-68

FAUNISTIC NEWS (LEP. OECOPIIORIDAE AND TORTRICIDAE). (GE)

H J Hannemann

Deut Entomol Ges Mitt 20(4):58-59

15 Aug 1961 420 D482

Lepidoptera, Oecophoridae, Taxonomy, Tortricidae, Zoogeography.

22279-68

A NEW TORTRICIDA FROM CENTRAL EUROPE (LEP. TORTRICIDAE). (GE

H J Hannemann

Deut Entornol Ges Mitt 19(1):8

15 Feb 1960 420 D482

Butterflies, Lepidoptera, Taxonomy, Tortricidae, Zoogeography.

22280-68

NEW SPECIES OF ERYTHRONEURA (HOMOPTERA: CICADELLIDAE).

L W Hepner

Entomol News (philadelphia) 78(3):59-73

Mar 1967 421 EN88

Erythroneura, Insect identification, Insect taxonomy, Research.

22281-68

A REVISION OF THE GENUS TAKECALLIS MATSUMURA (HOMOPTERA: APHIDIDAE). H Higuchi

Insecta Matsumurana 31(PT 4):25-34 REF

Oct 1968 421 IN77

Aphididae, Catalogs, Insect taxonomy, Zoogeography.

22282-68

INITIAL SURVEY OF ARTHROPOD PREDATORS OF THE EUROPEAN RED MITE IN SOUTH-CENTRAL PENNSYLVANIA.

R L Horsburgh D Asquith

J Econ Entomol 61(6):1752-1754

16 Dec 1968 421 J822

Colcoptera, Heteroptera, Insect collecting equipment, Mites, Panonychus ulmi, Predaecous insects, Surveys, Thysanoptera.

22283-68

HOMOPTERA OF THE KURILE ISLANDS.

T Ishihara

Shikoku Entornol Soc Trans 9(2):31-40

Sep 1966 420 SH6

Entomology, Homoptera, Insect names, Reports, Research.

22284-68

BIOLOGICAL OBSERVATIONS ON 53 SPECIES OF THE SUPERFAMILIES, CHALCIDOIDEA AND PROCTOTRUPOIDEA, FROM JAPAN (HYMENOPTERA: APOCRITA).

K Iwata T Tachikawa

Shikoku Entomol Soc Trans 9(1):1-26

Apr 1966 420 SH6

Biology, Chalcidoidea, Histology, Insect behavior, Insect names, Proetotrupoidea, Research.

22285-68

ON THE IDENTITY OF THE GREEK PARASITIC INSECT OISTROS.

J Jansen

Entomol Ber 27(2):30-36 REF

01 Feb 1967 420 N38B

History, Hypoderma bovis, Insect identification. Dutch abstract

22286-68

PALTSA EXPEDITION 1964 (LEPIDOPTERA). (NO)

R Johansson 1 Svensson Opuse Entornol 33(1-2):119-128

1968 421 OP7

Catalogs, Insect taxonomy, Lepidoptera, Zoogeography.

22287-68

STUDIES ON ETHIOPIAN PTILIDAE. I. AFRICOPTILIUM GEN. N. FROM CENTRAL AFRICA.

C Johnson

Entomologist (london) 100(1254).288-292

Nov 1967 421 EN8

Coleoptera, Insect taxonomy.

22288-68

ADDITIONS AND CORRECTIONS TO THE BRITISH LIST OF ATOMARIA S. STR. (COL., CRYPTOPHAGIDAE), INCLUDING A SPECIES NEW TO SCIENCE.

C Johnson

Entomologist (london) 100(1245).39-47

Feb 1967 421 EN8

Catalogs, Coleoptera, Insect morphology, Insect taxonomy.

22289-68

TAXONOMIC NOTES ON BRITISH COLEOPTERA. NO. 6. STENUS GLACIALIS HEER (STAPHYLINIDAE).

C Johnson

Entomologist (london) 100(1244):22-24

Jan 1967 421 EN8

Insect taxonomy, Staphylinidae.

22290-68

THE IDENTITY OF BRACHYPTEROLUS LINARIAE (STEPHENS) (COL., NITIDULIDAE), WITH NOTES ON ITS OCCURRENCE IN BRITAIN.

C Johnson

Entomologist (london) 100(1248):142-144

May 1967 421 EN8

Catalogs, Insect taxonomy, Nitidulidae, Surveys, Zoogeography.

22291-68

TAXONOMY--ECOLOGY, A MUTUAL RELATIONSHIP.

H Kauri

Opusc Entomol 33(1-2):24-27

1968 421 OP7

Entomology, Insect eeology, Insect taxonomy.

2292-68

TWO NEW AFRICAN SUB-SPECIES OF SPHIN-GIDAE (LEP. SPHINGIDAE). (GE)

K Kernbach

Deut Entomol Ges Mitt 21(4):53-56

15 Aug 1962 420 D482

Lepidoptera, Sphingidae, Taxonomy, Zoogeography.

22293-68

A NEW EFFECTIVE FLOTATION METHOD FOR THE COLLECTION OF NIDICOLOUS PARASITES AND OTHER NEST INHABI-TANTS.

D Kesmiris

Folia Purasitol 14(2):185-188

May 1967 436.8 C33

May 1967 436.8 C33
Aquatic animals, Aquatic insects, Insect collecting equipment, Methodology.

22294.68

TAPINESTHIS INERMIS, A NEW OONOPID FOR GERMANY (ARACHNIDA, ARANEAE, OONOPIDAE). (GE)

O Kraus

Senckenb Biol 48(5-6):381-385

22 Dec 1967 410.9 SE5

Insect biology, Insect taxonomy, Spiders. French abstract

22295-68

TAXONOMY AND BIOLOGY OF TRITHYREUS BRASILIENSIS N. SP. (ARACH., PEDIPALPI, SCHIZOPELTIDIA). (GE)

O Kraus L Beek

Senckenb Biol 48(5-6):401-405

22 Dec 1967 410.9 SE5

Insect biology, Insect taxonomy, Pedipalpida, Spiders. English abstract

STENOBOTHRUS (STENOBOTHRODES) COT-TICUS NOV. SPEC., A NEW GRASSHOPPER FROM THE FRENCH ALPS (ORTHOPTERA, ACRIDIDAE).

G Kruseman A W Jeekel Entomol Ber 27(1):1-7 01 Jan 1967 420 N38B

Acrididae, Catalogs, Insect taxonomy.

22297-68

A REVISION OF THE GENUS PERIOPE HALIDAY WITH DESCRIPTION OF A NEW (HYMENOPTERA, ICHNEU-MONIDAE).

K Kusigemati

Insecta Matsumurana 31(PT,1-2):7-11

Sep 1968 421 IN77

Catalogs, Jehneumonidae, Inseet taxonomy, Zoogeography.

22298-68

A NEW BEE OF THE GENUS ANDRENA FROM INDIA (HYMENOPTERA: ANDRENIDAE).

W E LaBerge

Entomologist (london) 101(1260):97-100

May 1968 421 EN8

Andrenidae, Inseet taxonomy.

CONTRIBUTION TO THE KNOWLEDGE OF THE BORNEAN PSENINI (HYMENOPTERA, SPHECIDAE).

LP van Lith

Entomol Ber 27(1):15-20

01 Jan 1967 420 N38B

Catalogs, Insect taxonomy, Sphecidae, Surveys.

A NEW PHOTINUS FIREFLY, WITH NOTES ON MATING BEHAVIOR AND A POSSIBLE CASE OF CHARACTER DISPLACEMENT (COLEOPTERA: LAMPYRIDAE).

J E Lloyd

Coleopt Bull 22(1):1-10 MAP

Mar 1968 421 C674

Catalogs, Inseet behavior, Inseet taxonomy, Lampyridae, Sex behavior, Surveys, Zoogeography.

THE PRAIRIE PENINSULA AND SECONDARY INTERGRADATION IN PHOTINUS FIREFLIES (COLEOPTERA: LAMPYRIDAE).

J E Lloyd

Coleopt Bull 21(2):33-39

Jun 1967 421 C674

Geography, Insect identification, Lampyridae, Photinus, Research.

INSECT CATALOGS OF SWEDEN, XVIII. COLEOPTERA, 1960. (NO)

S Lundberg

Opusc Entomol 33(1-2):197-218

1968 421 OP7

Catalogs, Coleoptera, Inseet taxonomy, Sweden.

22303-68

EUROPEAN SPECIES LYSIPHLEBUS (HYM. APHIDIDAE). (GE) M Mackauer

Deut Entomol Ges Mitt 21(1):12-13

15 Feb 1962 420 D482

Aphididae, Hymenoptera, Taxonomy, Zoogeography.

22304-68

AUSTRALIAN BLATTIDAE (BLATTODEA). VIII. THE PLATYZOSTERIA GROUP; SUB-GENUS MELANOZOSTERIA STAL.

M J Mackerras

Australian J Zool 16(2):237-331 MAP

May 1968 410 AU73

Blattidae, Catalogs, Inseet taxonomy, Zoogeography.

22305-68

REVISION OF THE CERATOZETIDAE. 5. CERATOZETES THIENEMANNI WILLMANN (ARACH., ACARI, ORIBATEI). (GE)

H-G Menke

Senckenb Biol 48(5-6):415-419 22 Dec 1967 410.9 SE5

Acarina, Inseet taxonomy

22306-68

ENTOMOLOGY AND ENTOMOLOGISTS.

H A U Monro

Entomol Soc Ontario Proc 97:11-13

1966 420 ON8

Entomologists, Entomology, Insect control. Research, Teaching.

22307-68

THYSANURA IN CAERNARVONSHIRE.

M J Mrs Morgan

Entomologist (london) 101(1259):73-75

Apr 1968 421 EN8

Catalogs, Insect taxonomy, Thysanura.

22308-68

TROGODERMA ANGUSTUM SOL. IN GERMANY (COL., DERMESTIDAE). (GE)

M Mroezkowski

Deut Entomol Ges Mitt 19(6):95-96 REF

15 Dec 1960 420 D482

Coleoptera, Trogoderma angustum, Zoogeography.

SUPPLEMENTARY INFORMATION ON THE APHIDIDAE FAUNA OF CENTRAL EUROPE. (GE)

F P Mueller

Deut Entornol Ges Mitt 20(5-6):69-70

15 Nov 1961 420 D482

Aphididae, Research, Zoogeography.

CONCERNING THE INFLUENCE OF VARIOUS LIGHT COLORS AND THE DIFFERENT POPU-LATION DENSITIES ON THE LIFESPAN AND EGG PRODUCTION OF THE CARROT FLY, PSILA ROSEA FABR.

E Naton

Anz Schadlingskunde 41(8):113-116

Aug 1968 421 AN9

Eggs, Fluorescent lamps, Insect cages, Longevity, Morphology, Psila rosae, Research. English sum-

22311-68

NOTES ON BUPRESTIDAE (COLEOPTERA): PART VI.

G H Nelson

Coleopt Bull 22(1):28-30

Mar 1968 421 C674

Buprestidae, Catalogs, Insect taxonomy, Zoogeography.

22312-68

ABYSSAL HALACARIDAE (ACARI) FROM THE SOUTHEAST PACIFIC.

1 M Newell

Pacific Insects 9(4):693-708

20 Nov 1967 421 P11

Aearina, Eeology, Insect taxonomy, Surveys.

22313-68

NOTES ON CECIDOMYIDAE, I.

W Nijveldt

Entomol Ber 27(1):8-14 REF

01 Jan 1967 420 N38B Catalogs, Ceeidomyiidae, Inseet taxonomy.

22314-68

A REVISION OF THE GENUS MICROGASTER LATREILLE (HYMENOPTERA: BRACONIDAE).

G E J Nixon

Brit Mus (natur Hist) Entomol Bull Suppl

22(2):33-72 REF

1968 420 B773

Braeonidae, Insect taxonomy, Zoogeography,

22315-68

ON THE TAXONOMY AND DISTRIBUTION OF THE EUROPEAN AND MIDDLE-EAST SPECIES OF THE TABANUS BOVINUS-GROUP (DIPTERA, TABANIDAE). (GE)

N G Olsufiev J Moueha M Chvala

Acta Ent Bohemoslov 64(4):303-313

20 Jul 1967 420 C33

Insect taxonomy, Tabanus, Zoogeography. Russian English and Czech abstracts

SURVEILLANCE AND PREVENTION, MANAGEMENT OF INVADING PEST INSECTS.

P Oman

Entomol Soc Amer Bull 14(2):98-102

Jun 1968 423.9 EN8

Insects, Management, Pest control.

22317-68

COMPARISON OF THREE METHODS OF EXTRACTING THE FLOWER THRIPS FROM ROSE FLOWERS.

A K Ota

J Econ Entornol 61(6):1754-1755

16 Dec 1968 421 J822

Filters, Frankliniella tritiei, Inseet collecting equipment, Microseopy, Rosa, Thripidae.

22318-68

A REVIEW OF THE TRIBE RUTILIINI (DIP-TERA: TACHINIDAE) I. GENERA OTHER THAN RUTILIA ROBINEAU-DESVOIDY AND FORMOSIA GUERIN-MENEVILLE.

J Paramonov

Australian J Zool 16(2):349-404 REF

May 1968 410 AU73

Catalogs, Insect taxonomy, Tachinidae, Zoogeog-

22319-68

TAGGING APHIDS. J Pettersson

Opusc Entomol 33(1-2):219-229 REF

1968 421 OP7

Aphididae, Labeling, Methodology, Myzus per-

22320-68

GENERA AND SPECIES OF THE DERMAP-TERA. 5. SPONGIPHORINAE AND LABIINAE.

E J Popham A Brindle Entomologist (london) 100(1253):255-262

Oct 1967 421 EN8 Catalogs, Dermaptera, Inseet taxonomy, Zoogeography.

22321-68

GENERA AND SPECIES OF THE DERMAP-TERA. 4. PERICOMINAE, STRONGYLOPSALINAE, NE VANDICINAE, NESOGASTRINAE, **ISOPYGINAE** AND SPARATTINAE

(LABIIDAE).

E J Popham A Brindle Entomologist (london) 100(1245):35-38

Feb 1967 421 EN8

Catalogs, Dermaptera, Inseet taxonomy, Zoogeography.

22322-68

HETERONYCHIA (SPATULAPICA) SLOVACA SP. N. AND NOTES ON THE TAXONOMY OF HETERONCHIA (SPATULAPICA) RODENDOR-FI (POVOLNY AND SLAMECKOVA, 1959) (DIPTERA). (GE)

D Povolny M Slameckova

Acta Ent Bohemoslov 64(4):314-318

20 Jul 1967 420 C33

Catalogs, Diptera, Insect taxonomy, Zoogeography. English and Czech abstracts

22323-68

AN INDEX-CATALOGUE OF **AFRICAN** PHANEROPTERINAE (ORTHOPTERA: TET-TIGONIIDAE). D R Ragge

Brit Mus (natur Hist) Entomol Bull Suppl 22(3):75-108 REF 1968 420 B773

Catalogs, Inscct taxonomy, Tettigoniidae.

NEW NEARCTIC AND NEOTROPICAL MUSCOIDEAN DIPTERA (SARCOPHAGIDAE AND TACIIINIDAE).

H J Reinhard

Kans Entomol Soc J 40(1):94-110

Jan 1967 420 K13

Anatomy, Color, Cuticle, Diptera, Insect identification, Insect names, Research.

ON THE OCCURRENCE OF FOSSIL INSECTS THE MESOZOIC ROCKS OF WESTERN AUSTRALIA.

E F Rick

Aust Mus Rec 27(16):311-312

28 Nov 1968 514 AU7

Blattidae, Coleoptera, Insect taxonomy, Paleoentomology.

22326-68

TWO NEW AND ECONOMICALLY SIGNIFICANT CHLOROPIDAE, WITH THE DESCRIPTION OF A NEW GENUS (DIPTERA).

C W Sabrosky

Kans Entomol Soc J 40(2):151-156

Apr 1967 420 K13

Chloropidae, Insect identification, Research, Taxonomy

22327-68

NEW NASAL MITES PTILONYSSUS AND PARANEONYSSUS (ACARINA: MESOSTIG-MATA), FROM TAIWAN AND NEW GUINEA.

1 Sakakibara

Pacific Insects 9(4):597-601 20 Nov 1967 421 P11

Insect taxonomy, Mesostigmata.

22328-68

THE TYPES AND TAXONOMY OF THE NATURE-MUSEUM SECKENBERG 38: INSECTA LEPIDOPTERA HEPIALIDAE. (GE)

H Schroder

Senckenb Biol 48(5-6):337-344

22 Dec 1967 410.9 SE5

Catalogs, Hepialidae, Insect taxonomy, Zoogeography.

22329-68

BIOLOGICAL OBSERVATIONS ON SOME SANDFLIES (PHLEBOTOMUS) OF RANCHO GRANDE (VENEZUELA). I. DESCRIPTION OF A LIMITED AREA OF A CLOUDY FOREST AND THE TAXONOMY OF THE PHLEBOTOMUS (DIPTERA, PSYCHODIDAE). (SP)

J V Scorza 1 Ortiz M Ramirez

Acta Biol Venezuelica 5(11):179-200 MAP REF

08 Aug 1967 475 AC86

Insect ecology, Insect taxonomy, Phlebotomus. English abstract.

22330-68

EURYCOLPUS ENSLINI N. SP., A NEW SPECIES OF PHYLINI DGL. SC. FROM SOUTHERN TURKEY (HETEROPTERA MIRIDAE). (GE)

G Seidenstucker

Deut Entomol Ges Mitt 18(5):74-76

15 Oct 1959 420 D482

Heteroptera, Miridae, Taxonomy, Zoogeography.

THE TAXONOMY AND BIOLOGY OF TWO SYMPATRIC SIBLING SPECIES OF CULEX, C. PIPIENS AND C. TORRENTIUM (DIPTERA, CULICIDAE).

M W Service

J Zool 156(PT 3):313-323 REF

Nov 1968 410.9 L84P

Culex, Culex pipiens, Insect biology, Insect taxonomy, Zoogeography.

22332-68

INVESTIGATIONS CONCERNING GALL GNATS. VI. THE JUSTIFICATION OF THE GENUS NOURYODIPLOSIS TAVARES 1929. (GE)

H Stelter

Deut Entomol Ges Mitt 20(5-6):70-73

15 Nov 1961 420 D482

Cecidomyiidae, Insect identification, Research, Taxonomy

22333-68

CHIROTHRIPS TUTTLEI N. SP. AN ISOLATED FRINGE-WINGED INSECT FROM ARIZONA, U. S. A. (INS., THYSANOPTERA, THRIPIDAE). (GE)

R Z Strassen

Senckenb Biol 48(5-6):345-355

22 Dcc 1967 410.9 SE5

Insect taxonomy, Thripidae.

THE WOOD CRICKET, NEMOBIUS SILVESTRIS (BOSC), (ORTHOPTERA, GRYLLIDAE) IN SURREY.

A. F. Stubbs

Entomologist (london) 100(1254):284

Nov 1967 421 EN8

Gryllidae, Insect taxonomy.

22335-68

LIPOKOPHILA CHINAI GEN. N., SP. N.- A NEW GENUS OF PLOK (HETEROPTERA) FROM BRAZIL. PLOKIOPHILIDAE

Acta Ent Bohemoslov 64(4):248-258

20 Jul 1967 420 C33

Catalogs, Heteroptera, Insect taxonomy.

22336-68

AMPHIPYRA PYRAMIDEA L. A DOUBLE SPE-CIES (LEP., AGROLIDAE). (NO)

1 Svcnsson

Opusc Entomol 33(1-2):183-188

1968 421 OP7

Insect ecology, Insect taxonomy, Lepidoptera. English abstract

THE DIPTEROUS GENUS DIOSTRACUS LOEW (DOLICHOPODIDAE).

S Takagi

Insecta Matsumurana 31(PT 5):35-62

Dec 1968 421 IN77

Catalogs, Dolichopodidae, Insect ecology, Insect taxonomy, Zoogcography.

22338-68

NOTES THE INDO-AUSTRALIAN BASICEROTINE ANTS (HYMENOPTERA: FOR-MICIDAE).

R W Taylor

Australian J Zool 16(2):333-348

May 1968 410 AU73

Catalogs, Formicidae, Insect taxonomy, Zoogeography.

22339-68

NOTES ON THE SCANDINAVIAN PTYCHOP-TERIDAE, WITH DESCRIPTION OF A NEW SPECIES (DIPTERA).

B Tjcder

Opusc Entomol 33(1-2):73-79 MAP REF

1968 421 OP7

Diptera, Insect ecology, Insect taxonomy, Zoogeography.

22340-68

A REVIEW OF NORTH AMERICAN ARDE-ICOLA (MALLOPHAGA: PHILOPTERIDAE).

Kans Entomol Soc J 40(2):241-263 REF

Apr 1967 420 K13

Ardeicola, Insect behavior, Insect dissemination, Insect identification, Research, Taxonomy.

22341-68

A NEW CONTRIBUTION TO THE TAXONOMY OF THE GENUS STHENARUS FIEBER AND PSALLUS FIEBER(HEM. HET, MIRIDAE), (GE)

Deut Entomol Ges Mitt 19(1):9-13

15 Feb 1960 420 D482

Hemiptera, Heteroptera, Insect identification, Miridae, Psallus, Taxonomy.

22342-68

NOTES ON THE GENERA COSMOPHORUS AND ORGILUS IN JAPAN WITH DESCRIP-TION OF A NEW SPECIES (HYMENOPTERA, BRACONIDAE).

C Watanabe

Insecta Matsumurana 31(PT, 1-2):1-6

Sep 1968 421 IN77

Braconidac, Catalogs, Insect taxonomy, Surveys, Zoogeography.

22343-68

SOME SWEDISH HYDROPORUS SPECIES (COL., DYTISCIDAE) WITH DESCRIPTIONS OF HYDROPORUS ELJASI N. SP. . (no)

E Wiren

Opusc Entornol 33(1-2):114-118

1968 421 OP7

Dytiscidae, Insect ecology, Insect taxonomy

NEW RECORDS OF TWO CURCULIONID BEE-TLES IN NORTH CAROLINA.

D L Wray

Entomol News (philadelphia) 78(9):226

Nov 1967 421 EN88

Gymnetron antirrhini, Hylobius, Research, Taxonomy

22345-68

NOTES ON THE NAME LEPTOPHNAE (COLEOPTERA: CURCULIONIDAE).

E C Zimmerman

Coleopt Bull 22(1):16-17

Mar 1968 421 C674

Catalogs, Curculionidae, Insect taxonomy

PHYSIOLOGY AND BIOCHEMISTRY

22346-68

HEMOLYMPH PROTEINS AND REPRODUC-TION IN PERIPLANETA AMERICANA: THE NATURE OF CONJUGATED PROTEINS AND THE EFFECT OF CARDIAC-ALLATECTOMY

ON PROTEIN METABOLISM. K G Adiyodi K K Nayar

Biol Bull 133(2):271-286 REF

Oct 1967 442.8 B52 Biochemistry, Hemoproteins, Insect metabolism, Periplaneta americana.

22347-68 SEXUAL RESPONSES OF ADULT MALE AEDES AEGYPTI USING THE FORCED-COPU-LATION TECHNIQUE.

D H Akcy J C Jones

Biol Bull 135(3):445-453 REF

Dec 1968 442.8 B52

Aedes acgypti, Insect behavior, Scx behavior.

THE MORPHOLOGICAL BASIS OF EMBRYONIC MOVEMENTS IN THE LIGHT BROWN APPLE MOTH, EPIPHYAS POSTVITTANA (WALK.) (LEPIDOPTERA: TOR-

TRICIDAE).

D T Anderson E C Wood Australian J Zool 16(5):763-793 REF

Nov 1968 410 AU73

Embryology, Insect morphology, Insect physiology, Tortricidae.

22349-68

TECHNICAL NOTES ON HARMFUL INSECTS FROM MALAGASY. (FR)

I Appert

Agron Trop 22(5):504-552

May 1967 26 AG86

Heteroptera, Insect pests, Insect taxonomy.

SUN ORIENTATION DURING MIGRATION IN SOME BRITISH BUTTERFLIES.

Roy Entomol Soc London Proc Ser A Gen Entomol 43(7/9):89-95

31 Oct 1968 420 L84PA

Butterflies, Insect dissemination, Insect ecology. Insect flight, Insect migration. Species dealt with were: Picris brassicae, P. napi, Maniola jurtina, Aglais urticae, Inachis, Vanessa atalanta, and V.

ELECTROMICROSCOPIC EXPERIMENTAL STUDY AND OBSERVATIONS OF THE DEPOSITION OF THE ENDO AND EXOCUTI-CLES IN THE LARVAE OF GALLERIA MEL-LONELLA L. (LEPIDOPTERA PYRALIDAE). (FR)

R Barbier

Acad Sci Compt Rend Ser D Sci Nat 266(15, 1ST SEMESTER):1613-1615

08 Apr 1968 505 P21

Cuticle, Electron microscopy, Galleria mellonella.

NOTES ON THE BIOLOGY OF THE PARASITIC MITE PYEMOTES SCOLYTI OUD. (ACARI: PYEMOTIDAE).

R A Beaver

Entomologist (london) 100(1244):9-10

Jan 1967 421 EN8

Acarina, Habitats, Insect behavior, Insect ecology, Life cycle, Scolytus, Sex behavior.

HYMENOPTERAN **PARASITES** LONCHAEA FUGAX BECKER (DIPTERA: LONCHAEIDAE).

R A Beaver

Entomologist (london) 100(1255):304-306

Dec 1967 421 EN8

Diptera, Hymenoptera, Parasitism, Pteromalidae.

22354-68

THE DISTRIBUTION PATTERN OF INDIRECT FLIGHT MUSCLE FIBRES IN AEDES AEGYPTI (L.) (DIPTERA: CULICIDAE).

E B Beckett W W Macdonald

Roy Entomol Soc London Proc Ser A Gen Entomol 43(7/9):135-139

31 Oct 1968 420 L84PA

Aedes aegypti, Fibers, Insect anatomy, Insect dissemination, Insect flight, Muscles, Research.

OCCURRENCE OF GIANT MUSCLE FIBERS IN THE FLIGHT MUSCLE OF PANTALA FLAVESCENS (F.) (LIBELLULIDAE: ODONATA).

U K M Bhat

Cur Sci 37(7):207-208

05 Apr 1968 475 SCI23

Insect morphology, Muscles, Odonata.

22356-68

DEMOGRAPHY OF THE DAMSELFLY, ARGIA PLANA CALVERT (ODONATA PLANA CA COENAGRIIDAE). CALVERT

G H Bick J C Bick

Entomol Soc Wash Proc 70(3):197-203

Sep 1968 420 W27

Demography, Insect behavior, Odonata, Reproduction.

N-METHYL 3-METHYL-5-ETHYL PHENYL CARBAMATE AS AN INSECTICIDE PATENT

P J Brooker J Gillon G T Newbold D T Saggers Us Patent Office Offic Gaz 858(2):604 14 Jan 1969 156.65 OF2

Carbamates, Chemistry, Ethyl-3-methylphenyl Nmethylcarbamate, 5-, Insect control, Insecticides, Patents

22358-68

INFLUENCE OF TEMPERATURE ON THE FECONDITY OF ASAPHES VULGARIS (IIYMENOPTERA, WALKER PTEROMALIDAE), (FR)

G Broussal

Acad Sci Compt Rend Ser D Sci Nat 266(15, 1ST SEMESTER):1586-1588

08 Apr 1968 505 P21

Fertility, Insect physiology, Insect temperature, Pteromalidae.

22359-68

THE ANTENNAL ORIGIN OF THE NEURO-EN-DOCRINE REFLEXES OF THE DICTYOPTERA BLABERIDAE AND BLATTIDAE. (FR)

P Brousse-Gaury

Acad Sci Compt Rend Ser D Sci Nat 267(16, 2ND SEMESTER):1312-1314 REF

14 Oct 1968 505 P21

Antennae, Blattidae, Insect morphology, Nervous system, Reflexes.

22360-68

LOCALIZATION OF THE NUCLEAR ORIGIN IN THE PARACARDIAC NERVES OF DICTYOPTERA BLABERIDAE AND BLATTIDAE.

P Brousse-Gaury

Acad Sci Compt Rend Ser D Sci Nat 266(19, 1ST SEMESTER):1972-1975

06 May 1968 505 P21

Blattidae, Insect morphology, Nervous system.

DESCRIPTION OF THE NEURO-ENDOCRINE REFLEX ARCS BEHIND THE OCELLI IN THE DICTYOPTERAN MANTIDAE. (FR.)

P Brousse-Gaury

Acad Sci Compt Rend Ser D Sci Nat 267(18, 2ND SEMESTER):1468-1470

28 Oct 1968 505 P21

Insect morphology, Mantidae, Nervous system.

22362-68

ANTIFEEDING EFFECT OF DDT ON BOLL-WORM AND TOBACCO BUDWORM LARVAE. H R Bullock D A Wolfenbarger

J Econ Entomol 61(6):1760-1761

16 Dec 1968 421 J822

Acetone, Biological assay, DDT, Emulsifying agents, Feeding, Heliothis virescens, Heliothis zea, Insect behavior, Larvae, Toxaphene. DDT and toxaphene tested separately and together.

22363-68

DEVELOPMENTS IN PEST CONTROL. I. THE PRESENT STATUS OF RESISTANCE. II. THE FUTURE OF PEST CONTROL.

J R Busvine

Pans (pest Articles News Sum) Sect A Insect Contr

14(3):310-328 REF Aug 1968 423.92 G798

Insect pests, Insecticide resistant insects, Pest control, Physiology.

22364-68

THE REGULATION OF CYCLIC REPRODUC-TIVE AND FEEDING ACTIVITY IN THE MILK-WEED BUG ONCOPELTUS BY TEMPERA-TURE AND PHOTOPERIOD.

R L Caldwell H Dingle

Biol Bull 133(3):510-525 REF

Dec 1967 442.8 B52

Food habits, Insect behavior, Oncopeltus fasciatus, Photoperiodism, Reproduction, Temperature.

FIELD STUDIES OF INSECTICIDES FOR CON-TROL OF THE COFFEE LEAF MINER, LEU-COPTERA COFFEELLA.

J M Campbell J G Rodriguez K G Eveleens Pans (pest Articles News Sum) Sect A Insect Contr 14(3):376-385

Aug 1968 423.92 G798

Coffee, Insect control, Insecticides, Leucoptera coffeella, Research.

CONTRIBUTION OF A BIOLOGICAL STUDY OF PISSODES NOTATUS F. (COL. CURCU-LIONIDAE). (FR)

Rev Zool Agr Appl 66(10-12, 4TH TRIMESTER):139-151

1967 410.9 SO12

Curculionidae, Insect biology, Insect morphology, Insect rearing, Life cycle, Parthenogenesis.

Laboratory rearing of Pissodes notatus and study of various stages of the life cycle under experimental conditions are given.

OF THE FROHNEI BLACK FLY MORPHOLOGY PROSIMULIUM SOMMERMAN (DIPT. SIMULIIDAE).

G Carlsson

Opusc Entomol 33(1-2):191-196

1968 421 OP7

Insect morphology, Simuliidae, Zoogeography.

INVESTIGATIONS INTO THE CIRCUMPOLAR BLACKFLY FAUNA (FAM. SIMULIIDAE, DIPT.). (NO)

G Carlsson

Opusc Entomol 33(1-2):12-14

1968 421 OP7

Insect ecology, Simuliidae, Zoogeography.

LIGHT-INHIBITION OF FLASHING IN THE FIREFLY PHOTURIS MISSOURIENSIS.

J Case M S Trinkle

Biol Bull 135(3):476-484 REF

Dec 1968 442.8 B52

Central nervous system, Insect physiology, Lampyridae, Luminescence, Photosensitization.

RESEARCH ON THE SEXUAL BEHAVIOR OF PITYOKTEINES SPINIDENS REIT. (COLEOPTERA SCOLYTIDAE POLYGAMOUS) AND A STUDY OF THE FACTORS THAT MAKE THE MALE MORE ATTRACTIVE TO THE FEMALE. (FR)

C Chararas

Acad Sci Compt Rend Ser D Sci Nat 266(18, 1ST SEMESTER):1852-1855

29 Apr 1968 505 P21

Insect behavior, Pheromones, Scolytidae, Sex attractants. Sex behavior.

22371-68

NOTES ON THREE SPECIES OF ACTIA (DIPT., TACHINIDAE), PARASITES OF OAK-FEEDING CATERPILLARS.

L Cheng

Entomologist (london) 100(1253):265-268

Oct 1967 421 EN8

Food habits, Operophtera brumata, Parasitism, Tachinidae.

22372-68

DISRUPTED FERTILITY OF THE HIDEBEE-TLE DERMESTES MACULATUS (DEG.) DUE TO DIETARY OVERDOSE OF BIOTIN.

E Cohen H Z Livinson

Experientia 24(4):367-368

15 Apr 1968 475 EX7

Biotin, Dermestidae, Insect metabolism, Insect physiology, Sterility.

22373-68

DAILY WEIGHT GAIN OF THE EUROPEAN CORN BORER REARED ON ARTIFICIAL MEDIA (LEPIDOPTERA: PYRAUSTIDAE).

S C Conway J A Harding

Kans Entomol Soc J 40(1):1-3

Jan 1967 420 K13

Culture media, Insect morphology, Insect rearing, Light, Ostrinia nubilalis, Research.

AN INVESTIGATION OF FACTOR S, A NEU-ROMUSCULAR EXCITATORY SUBSTANCE FROM INSECTS AND CRUSTACEA.

B J Cook

Biol Bull 133(3):526-538 REF

Dec 1967 442.8 B52

Biochemistry, Insect physiology, Muscles, Neurology.

22375-68

STUDY ON THE PERMIABILITY OF THE SENSORY ORGANS OF THE APPENDAGES OF THE HEAD IN THE LARVAE OF SPEOPHYES LUCIDULUS (DELAR.) (COLEOPTERA). (FR) G Corbiere

Acad Sci Compt Rend Ser D Sci Nat 267(25, 2ND SEMESTER):2197-2199

16 Dec 1968 505 P21

Coleoptera, Insect physiology, Larvae, Permeability, Sense organs.

22376-68

THE CONCEPT OF MICROCLIMATE FROM AN ENTOMOLOGICAL POINT OF VIEW.

C-C Coulianos

Opusc Entomol 33(1-2):51-57 REF

1968 421 OP7

Demography, Entomology, Insect ccology, Microclimate, Zoogcography.

22377-68

CONTRIBUTIONS TO THE MORPHOLOGICAL DIFFERENTIATION BETWEEN THE FEMALES OF PHLEBOTOMUS MAJOR AND PHLEBOTOMUS PERFILIEWI (DIPTERA, PSYCHODIDAE) IN ROMANIA. (FR)

A Cristesco P Dancesco

Arch Gesamte Virusforsch 26(2):319-326 REF Jun 1967 448.3 AR22

Insect morphology, Phlebotomus. Russian, German, and English abstracts

22378-68

HONEY BEES AND THE FARMER.

D G Cunningham

Tasmanian J Agr 38(4):263-265

Nov 1967 23 T182T

Apiculture, Apis mellifera, Honey, Insect pollinators.

The importance of commercial apiculture for adequate production of Tasmanian farm crops is discussed.

22379-68

INVESTIGATIONS CONCERNING THE MORPHOLOGICAL CHARACTERS OF THE VARIATY PHLEBOTOMUS CHINENSIS BALCANICUS THEODOR 1958. (FR

P Dancesco

Arch Gesamte Virusforsch 26(2):425-430 REF Jun 1967 448.3 AR22

Insect taxonomy, Phlebotomus.

22380-68

THE POST-CEPHALIC STOMODIAL NERVOUS SYSTEM OF SCHISTOCERCA GREGARIA FORSK. (ORTHOPTERA) AND BLABERA CRANIIFER BURM. (DICTYOPTERA). (FR)

J Dando B Chanussot M R Dando

Acad Sci Compt Rend Ser D Sci Nat 267(22, 2ND SEMESTER):1852-1855 REF

25 Nov 1968 505 P21

Blattidae, Insect morphology, Nervous system, Schistocerea gregaria.

22381-6

TO THE METHODS OF STUDYING THE ENVIRONMENTAL TEMPERATURE OF THE TICK IXODES RICINUS L.

M Daniel V Cerny

Folia Parasitol 14(2):177-183

May 1967 436.8 C33

Insect ecology, lxodes ricinus, Methodology, Microclimate, Temperature.

22382-68

CIIROMATOGRAPHIC EVIDENCE FOR MU-REIN FROM THE BACTEROID SYMBIOTES OF PERIPLANETA AMERICANA (L.).

R S Daniel M A Brooks

Experientia 23(6):499-502 REF

15 Jun 1967 475 EX7

Bacteria, Cell wall, Chromatography, Periplaneta americana.

22383-68

NITROGEN AND PHOSPHORUS CONTENT OF GREENBUGS REARED ON FERTILIZED WHEAT.

N E Daniels G C Wilson C S Clarke

J Econ Entomol 61(6):1746-1747 16 Dec 1968 421 J822

Biochemistry, Fertilizers, Insect physiology, Nitrogen, Phosphorus, Schizaphis graminum, Wheat.

22384-68

EGG PRODUCTION OF HOUSE-FLY ADULTS FED HUMAN BLOOD CONTAINING VARIOUS SUPPLEMENTS.

D M Davies E L Anderson

Entornol Soc Ontario Proc 97:111-114

1966 420 ON8

Blood, Eggs, Feeding, Musca domestica, Nutrition, Reproduction, Rescarch.

22385-68

OBSERVATIONS ON THE BIOLOGY OF GYMNAETRON PASCUORUM (GYLL.) (COLEOPTERA: CURCULIONIDAE).

E A Dickason

Coleopt Bull 22(1):11-15

Mar 1968 421 C674

Curculionidae, Habitats, Insect behavior, Insect ecology, Insect rearing.

22386-68

LATE-SEASON FEEDING AND EMERGENCE OF THE TOBACCO FLEA BEETLE.

C B Dominick

J Econ Entomol 61(6):1743-1744

16 Dec 1968 421 J822

Cultural control (insects), Epitrix hirtipennis, Feeding, Insect behavior, Metamorphosis, Plant pest control, Tobacco.

22387-68

CONTRIBUTIONS TO THE BIOLOGY OF THE BUMBLE BEE. (GE)

S Dottlinger

Verhandl Zool-bot Gesell Wien 107:29-41 REF 1967 410.9 V67

Bombus, Fertility, Insect behavior, Insect dissemination, Insect eggs, Nesting, Precipitation, Reproduction, Social insects, Tables (data), Vertebrates, Weather.

22388-68

SOUND-PRODUCTION IN NETHERLAND LYCAENIDAE.

J C Downey

Entomol Ber 27(8):153-157

01 Aug 1967 420 N38B

Insect behavior, Insect morphology, Lycaenidae, Pupae, Stridulation.

22389-68

THE DANCE OF THE BEES.

E Edelson

New York Zool Soc Anim Kingdom Mag 73,1E.71(3)

Jun 1968 410.9 N4830B

Bces, Environment, Feeding, Insect behavior, Research, Social insects.

22390-68

CAN INSECT HORMONES AND THEIR MIMICS BE USED TO CONTROL PESTS .

P Ellis

Pans (pest Articles News Sum) Sect A Insect Contr 14(3):329-342 REF Aug 1968 423.92 G798 Biochemistry, Hormones, Insect control, Insect physiology.

22391-68

PROGRESS REPORT ON LABORATORY REARING OF BLACK FLIES (DIPTERA: SIMU-LIIDAE).

G Field R J Duplessis A P Breton

J Med Entomol 4(3):304-305 REF

10 Aug 1967 421 J828

Feeding, Insect rearing, Laboratories, Reports, Research, Simulium vittatum.

22392-68

A LABORATORY INVESTIGATION OF MATURATION IN THE CUBAN BURROWING COCKROACH BYRSOTRIA FUMIGATA (GUERIN).

W R Fleischmann H K Miller R V Skavaril

Ohio J Sci 68(1):11-17

Jan 1968 410 OH3

Byrsotria fumigata, Experimental insects, Insect morphology, Insect physiology, Insect rearing, Research.

22393-68

A COLLECTION DEVICE FOR LEPTOCONOPS KERTESZI (DIPTERA: CERATOPOGONIDAE) BITING GNATS.

J D Foulk R D Sjogren

J Med Entomol 4(3):281-283

10 Aug 1967 421 J828

Diptera, Ecology, Insect collecting equipment, Insect control, Leptoconops kerteszi, Research.

22394-68

THE INFLUENCE OF CERTAIN FACTORS ON THE FECUNDITY OF SITOPHILUS ORYZAE (L.).

G J J Fouric

S Afr J Agr Sci 10(2):331-344 REF

Jun 1967 24 SU3

Eggs, Fertility, Humidity, Insect biology, Sitophilus oryzae, Temperature.

2395-68

CALCULATING THE GRADE OF EFFECTIVE-NESS OF A MICROBIOLOGICAL CONTROL ACTION AGAINST INSECT PESTS. (GE) J M Franz

Anz Schadlingskunde 41(5):65-71 REF

May 1968 421 AN9

Biochemistry, Insect control, Insect pests, Microbiology, Mortality, Tables (data). English summary

22396-68

DIETARY CHOLINE REQUIREMENTS FOR SPERM MOTILITY AND NORMAL MATING ACTIVITY IN DROSOPHILA MELANOGASTER.

B W Gcer

Biol Bull 133(3):548-566 REF

Dec 1967 442.8 B52

Choline, Drosophila mclanogaster, Fertility, Insect nutrition, Sex behavior, Spermatozoa.

22307.68

CONTRIBUTIONS TO THE KNOWLEDGE OF HOST PLANTS OF MIDDLE GERMAN APHIDIDAE. (GE)

H G W Gleiss

Deut Entomol Ges Mitt 18(5):80-82

15 Oct 1959 420 D482

Aphididae, Food plants, Insect behavior, Plants, Research.

22208 68

CHANGES IN THE POPULATION OF CECIDO-MYHDAE. (GE)

D Godan

Deut Entomol Ges Mitt 18(3):46-49

15 Jun 1959 420 D482

Cecidomyiidae, Humidity, Light, Population statistics, Temperature.

A SMALL CONTRIBUTION CONCERNING THE KNOWLEDGE OF CECIDOMYHDAE. (GE

D Godan

Deut Entomol Ges Mitt 20(3):36-39 15 Jun 1961 420 D482

Cecidomyiidae, Fagus, Insect behavior, Leaves.

EMERGENCE OF PARASITES ASSOCIATED WITH THE CABBAGE APHID DURING A CHEMICAL-CONTROL PROGRAM.

G L Godfrey R B Root

J Econ Entomol 61(6):1762-1763

16 Dec 1968 421 J822

Brevicoryne brassicac, Carbaryl, Chemical control (insects), Cryolite, Hymenoptera, Insect physiology, Kale, Parasitic insects, Poisoning.

22401-68

NEW OBSERVATION CONCERNING THE PATHOGENIC ACTION OF TRYPANOSOMA RANGELI TEJERA, 1920 ON RHODNIUS PROLIXUS STAL, 1859. (SP)

1 Gomez

Acta Biol Venezuelica 5(15):247-254

04 Dec 1967 475 AC86

Insect diseases, Insect physiology, Reduviidae, Rhodnius prolixus, Trypanosoma rangeli. English abstract

22402-68

FURTHER OBSERVATIONS ON THE BIOLO-GY OF THE OYSTER NUT SHIELD BUG (PIEZOSTERNUM CALIDUM FAB.).

A J P Goodchild M C Lubega East Afr Agr Forest J 33(4):344

Apr 1968 24 EA74

Aging, Color, Insect biology, Insect pests, Piezosternum calidum, Telfairia pedata.

PRELIMINARY STUDIES ON THE EXISTENCE OF CHROMATIN VESICLES DIFFERENTIATED IN THE NUCLEI OF TROPHOCYTES OF EPHESTIA KUKNIELLA Z. CYTES OF EPHES' (LEPIDOPTERA). (FR)

M Guelin

Acad Sci Compt Rend Ser D Sci Nat 266(17, 1ST SEMESTER):1740-1742

22 Apr 1968 505 P21

Cell nucleus, Chromatin, Cytology, Electron microscopy, Ephestia.

A DEVICE FOR IMMOBILIZING INSECTS WITH COOLED AIR.

R L Harris E D Frazar

J Econ Entomol 61(6):1755-1756

16 Dec 1968 421 J822

Cooling, Equipment, Experimental insects, Haematobia irritans, Stomoxys calcitrans.

22405-68

NOTES ON ARGENTINE BUTTERFLY MIGRATION, 1965-66.

K J Hayward

Entomologist (london) 100(1245):29-34

Feb 1967 421 EN8

Butterflies, Insect migration, Lepidoptera.

22406.68

LABORATORY TECHNIQUES FOR REARING THE SUGARCANE BORER ON AN ARTIFICIAL DIET.

S D Hensley A M Hammond J Econ Entomol 61(6):1742-1743

16 Dec 1968 421 J822

Diatraea saccharalis, Diet, Insect rearing.

CONTRIBUTION TO THE HISTORY OF THE DISCOVERY OF INSECT HORMONES. (GE) H G Herbst

Deut Entomol Ges Mitt 21(4):62-63

15 Aug 1962 420 D482

History, Hormones, Insect behavior, Insect physiology, Sphingidae.

22408-68

TEFLON AND CORNSTARCH-COATED PAPER AS SUBSTRATES FOR OVIPOSITION BY CABBAGE LOOPER MOTHS.

J D Hoffman S H Long W A Dickerson

J Econ Entomol 61(6):1760

16 Dec 1968 421 J822

Cornstarch, Insect behavior, Insect rearing equipment, Ovulation, Paper, Polytetrafluoroethylene, Trichoplusia ni.

22409-68

ARTIFICIAL PUPAL CELL FOR THE TOBAC-CO HORNWORM.

J D Hoffman W A Dickerson

J Econ Entomol 61(6):1756-1757

16 Dec 1968 421 J822

Insect rearing equipment, Manduca sexta, Pupae.

22410-68

PRESENCE OF A BLOOD-PRODUCING TISSUE AT THE LEVEL OF THE DORSAL DIAPHRAM OF LOCUSTA MIGRATORIA (ORTHOPTERA). (FR)

J A Hoffmann A Porte P Joly

Acad Sci Compt Rend Ser D Sci Nat 26(18, 1ST SEMESTER):1882-1883

29 Apr 1968 505 P21

Electron microscopy, Hematopoiesis, Histology, Insect morphology, Locusta migratoria.

EFFECT OF ENDRIN AND TRICHLORFON AP-PLIED IN ARTIFICIAL DIET AGAINST LAR-VAE OF SUGAR-CANE BORER DIATRAEA SACCHARALIS (F.) (LEP., PYRALIDAE).

1 Hrdy J Zeleny K Novak

Acta Ent Boliemoslov 64(4):243-247 REF

20 Jul 1967 420 C33

Biological assay, Diatraea saccharalis, Diet, Endrin, Trichlorfon.

OBSERVATIONS ON THE ALPINE FAUNA OF COLEOPTERA AND ITS ORIGIN. (FR)

S M lablokoff-Khnzorian

Beitr Entomol 18(1-2):177-211 REF

1968 421 B392

Catalogs, Coleoptera, Insect ecology, Insect evolution, Zoogeography. German and Russian abstracts

OBSERVATIONS ON THE LARVA OF HIPPOTION CELERIO LINNAEUS (LEPID., SPHIN-GIDAE) IN TANZANIA.

N S Irving

Entomologist (london) 100(1254):285-286

Nov 1967 421 EN8

Insect ecology, Larvae, Polymorphism, Sphingidae.

PURIFICATION OF THE BRAIN HORMONE OF THE SILKWORM BOMBYX MORI.

H Ishizaki M Ichikawa

Biol Bull 133(2):355-368 REF

Oct 1967 442.8 B52

Biochemistry, Biological assay, Bombyx mori, Brain, Hormones.

A STAINING TECHNIQUE FOR JACK-PINE BUDWORM EGG MASSES.

D T Jennings N D Addy J Econ Entomol 61(6):1766

16 Dec 1968 421 J822

Choristoneura pinus, Insect eggs, Microscopy, Pine needles, Staining.

22416-68

THE UPTAKE OF STRONTIUM 90 BY CHIRONOMUS VARUS.

T H Jones

Entomologist (london) 100(1244):2

Jan 1967 421 EN8

Chironomidac, Radioactive contamination, Snails, Strontium isotopes.

22417-68

FEEDING AND OVIPOSITION BEHAVIOR IN THE MOSQUITO AEDES AEGYPTI (L.). I. PRELIMINARY STUDIES OF PHYSIOLOGICAL CONTROL MECHANISMS.

C. L. Judson

Biol Bull 133(2):369-377 REF

Oct 1967 442.8 B52

Aedes aegypti, Food habits, Insect behavior, Insect physiology, Reproduction.

22418-68

THE ABDOMINAL SCENT ORGAN MALE HAWK MOTHS. SUPPLEMENTS TO THE KNOWLEDGE OF HAWK MOTHS (III) (LEP. SPHINGIDAE). (GE)

K Kernbach

Deut Entomol Ges Mitt 27(1):6-8

15 Mar 1968 420 D482

Abdomen, Entomology, Glands (insects), Moths. Scent glands.

22419-68

THE MORPHOLOGICAL AND FUNCTIONAL EVOLUTION OF THE MOUTHPARTS IN ADULT LEPIDOPTERA.

N P Kristensen

Opusc Entomol 33(1-2):69-72

1968 421 OP7

Insect evolution, Insect morphology, Lepidoptera, Mouth parts.

22420-68

WEATHER AND DIURNAL PERIODICITY OF FLIGHT BY HELOPHORUS BREVIPALPIS BEDEL (COL. HYDROPHILIDAE).

11 andin

Opusc Entomol 33(1-2):28-36

1968 421 OP7

Diurnal rhythm, Hydrophilidae, Insect flight, Weather.

A NEGLECTED DIAGNOSTIC CHARACTER OF THE APOIDEA (HYMENOPTERA).

U N Lanham

Entomol News (philadelphia) 71(4):85-86

Apr 1960 421 EN88

Anatomy, Apoidea, Cuticle, Insect identification, Physiology, Research.

22422-68

THE HISTOLOGY AND HISTOCHEMISTRY OF THE ANTERIOR MID-GUT OF PERIPLANETA AMERICANA L. (DICTYOPTERA: BLATTIDAE) WITH REFERENCE TO THE FORMATION OF THE PERITROPHIC MEMBRANE.

R F Lee Roy Entomol Soc London Proc Ser A Gen Entomol 43(7/9):122-134 REF

31 Oct 1968 420 L84PA

Gastrointestinal system, Histochemistry, Insect anatomy, Insect histology, Periplaneta americana, Peritrophic membrane, Research.

22423-68

RANGES OF CIRCADIAN PERIOD LENGTH.

M Lohmann Experientia 23(9):788-790 REF

15 Sep 1967 475 EX7 Diurnal rhythm, Insect behavior, Insect evolution, Leucophaea maderae.

22424-68

THE STERILIZING ACTION OF PARATHION ON THE OVARIES OF QUAIL AND CHICKEN EMBRYOS IN IN VITRO CULTURE. (FR)

Y Lutz-Ostertag R Meiniel Acad Sci Compt Rend Ser D Sci Nat 267(25, 2ND SEMESTER):2178-2180

16 Dec 1968 505 P21 Chickens, Ovaries, Parathion, Quail, Sterilization, Tissue culture.

22425-68

REGENERATING TISSUES FROM COCKROACH, LEUCOPHAEA MADINERVE REGENERATION IN VITRO. MADERAE:

E P Marks J P Reinecke R A Leopold

Biol Bull 135(3):520-529 REF

Dec 1968 442.8 B52

Insect histology, Insect physiology, Leucophaea maderae, Nervous system, Regeneration.

TRANSMEMBRANE IONIC GRADIENTS IN LEPIDOPTERA AS RELATED TO CARDIAC ELECTRICAL ACTIVITY.

F V McCann C R Wira

Compar Biochem Physiol 22(2):611-615

Aug 1967 444.8 C73

Bio-electric potential, Insect physiology, Lepidoptera, Permeability.

22427-68

EFFECT OF DIET ON THE LIPID COMPOSI-TION OF THE COCKROACH BLABERUS DISCOIDALIS.

J L McGuire A E S Gussin

Compar Biochem Physiol 22(2):427-433 REF Aug 1967 444.8 C73

Biochemistry, Blaberus discoidalis, Chromatography, Diet, Lipids.

22428-68

THE REGULATION OF OSMOTIC PRESSURE IN GALLERIA MELLONELLA L. (FR.)

G Mcstres P Laviolette

Acad Sci Compt Rend Ser D Sci Nat 266(19, 1ST SEMESTER):1969-1971

06 May 1968 505 P21

Blood, Chemicals, Galleria mcllonella, Insect physiology, Osmotic pressure.

22429-68

THE EFFECT OF CASTRATION ON THE VEN-TRAL NEUROSECRETION CELLS OF THE IN-FRAESOPHAGEAL GANGLION IN PHASMID, CARAUSIUS MOR **MOROSUS** (PHASMIDAE-ORTHOPTERA). (FR) J Mouton

Acad Sci Compt Rend Ser D Sci Nat 266(20, 1ST SEMESTER):2120-2121 REF 13 May 1968 505 P21

Castration, Insect physiology, Nervous system, Phasmatidae.

22430-68

THE REARING OF LUPERINA NICKERLII KNILLI BOURSIN (1964) (LEP., NOCTUIDAE) UNDER LABORATORY CONDITIONS.

Entomologist (london) 100(1244):13-15 Jan 1967 421 EN8

Insect rearing, Life cycle, Noctuidae.

FEEDING AND PARASITISM IN GNATS (DIPT.), ALSO SOME FINDS. (GE

U V Neindorff

Deut Entomol Ges Mitt 19(6):101-103

15 Dec 1960 420 D482

Ceratopogonidae, Diptera, Feeding, Food, Insect behavior, Parasitism.

22432-68

A GYNANDROMORPH OF OXYLIPEURUS MESOPELIOS (NITZSCH) (MALLOPHAGA) FROM PHASIANUS COLCHICUS L. .

B Nilsson

Opusc Entomol 33(1-2):80-81

1968 421 OP7

Birds, Gynandromorphism, Insect taxonomy, Mallophaga, Pheasants.

CENTRAL NERVOUS SYSTEM CONTROL OF CIRCADIAN RHYTHMICITY IN THE COCKROACH. I. ROLE OF THE PARS INTER-CEREBRALIS.

J Nishiitsutsuji-Uwo S F Petropulos C S

Pittendrigh

Biol Bull 133(3):679-696 REF

Dec 1967 442.8 B52

Biochemistry, Diurnal rhythm, Hormones, Insect behavior, Insect physiology, Leucophaea maderae, Nervous system, Periplaneta americana. 22434-68

A FEEDING STIMULANT FOR PINK BOLL-WORM LARVAE IN WATER EXTRACTS OF COTTON.

W L Parrot T N Shaver J C Keller J Econ Entomol 61(6):1766-1767

16 Dec 1968 421 J822

Cotton, Feeding, Insect behavior, Larvae, Pectinophora gossypiella, Plant extracts, Stimulants.

22435-68

HISTOLOGICAL OBSERVATIONS OF THE FORMATION OF ELEMENTARY AND REPRODUCTIVE OVA IN THE OVARIES OF PLAGIOLEPIS PYGMAEA LATR. (HYMENOP-TERA FORMICIDAE). (FR.)

L Passera J Bitsch C Bressac

Acad Sci Compt Rend Ser D Sci Nat 266(24, 1ST SEMESTER):2270-2272

10 Jun 1968 505 P21

Formicidae, Histology, Insect eggs, Insect physiology, Ovaries.

22436-68

CULTURE OF SCORPION CELLS. (FR)

F Peponnet J M Quiot Acad Sci Compt Rend Ser D Sci Nat 266(15, 1ST SEMESTER):1589-1592 08 Apr 1968 505 P21

Methodology, Scorpionida, Tissue culture.

A NOTE ON THE OVIPOSITION OF SIMULI-UM (S.) ABGYREATUM MEIGEN.

A F Poole

Entomologist (london) 100(1248):121

May 1967 421 EN8

Habitats, Insect behavior, Oviposition, Simuliidae.

22438-68

MANIFESTATIONS OF COMPETITION IN PARASITE COMPLEXES AS A PROBLEM IN BIOLOGICAL PEST CONTROL. (GE)

H Pschorn-Walcher H Zwolfer

Anz Schadlingskunde 41(5):71-76 REF

May 1968 421 AN9

Biological control (pests), Butterflies, Hymenoptera, Insect behavior, Insect ecology, Insect evolu-tion, Integrated control (insects), Parasitism, Popu-

22439-68

TOXICITY OF BACTERIAL SPORES TO FLY AND MOSQUITO LARVAE.

R L Rajak S L Perti

Pesticides 1(9):45 P, REF

May 1968 S0B951.0P43

Bacillus thuringiensis, Culex pipiens quinquefasciatus, Larvae, Musca domestica nebulo, Spores.

22440-68

EXPERIMENTAL STUDY OF THE EFFECT OF NUTRITION ON CYCLECOMPLETION IN PYTHIDAE PARASITES IN TROPICAL CUL-TURES. (FR)

Acad Sci Compt Rend Ser D Sci Nat 267(22, 2ND SEMESTER):1821-1824 REF 25 Nov 1968 505 P21

Insect nutrition, Life cycle, Nutrition, Physiology, Phytophthora, Pythium.

ISOLATION OF THE POPULATION GREGATING PHEROMONE OF SOUTHERN PINE BEETLE.

J A A Renwick J P Vite

Boyce Thompson Inst Contrib 24(4, JUL-SEP):65-

Sep 1968 451 B69

Biochemistry, Chromatography, Dendroctonus frontalis, Pheromones.

THE DETERMINING FACTOR IN THE STA-BILIZATION OF THE ACID CONTENT (HYDROXY-IO DECENE-2 OIQUE) IN THE OVARIES OF APIS MELLIFICA L. (FR) B Roger J Pain

Acad Sci Compt Rend Ser D Sci Nat 266(24, 1ST SEMESTER):2267-2269 REF

10 Jun 1968 505 P21

Apis mellifera, Biochemistry, Ovaries.

22443-68

THE EVOLUTION AND DISPERSAL OF THE GRASSLAND LEAFHOPPER GENUS EXITIANUS, WITH KEYS TO THE OLD WORLD SPECIES (CICADELLIDAE: HEMIPTERA).

H H Ross

Brit Mus (natur Hist) Entomol Bull Suppl 22(1):3-30 REF

1968 420 B773

Cicadellidae, Insect evolution, Insect migration, Insect taxonomy, Zoogeography.

UNUSUAL MICROTUBULAR PATTERNS AND THREE-DIMENSIONAL MOVEMENT OF MEA-LYBUG SPERM AND SPERM BUNDLES.

J Ross W G Robison

J Cell Biol 40(2):426-445 REF

Feb 1969 442.8 J828

Electron microscopy, Locomotion, Pseudococcus, Spermatozoa.

22445-68

BEGINNING OF EMBRYONIC DEVELOPMENT WITHIN THE MATERNAL ORGANISM OF ICERYA PURCIIASI MASK. (FR.)

M Royer R Delavault

Acad Sci Compt Rend Ser D Sci Nat 267(17, 2ND SEMESTER):1390-1392

21 Oct 1968 505 P21

Development, Embryology, Icerya purchasi, Insect physiology, Reproduction.

LIGHT REFLEXES OF CATERPILLARS OF BOMBYX MORI L. (LEPID.). (GE

L Sciffert P Hoff

Deut Entomol Ges Mitt 18(4):66-67

15 Aug 1959 420 D482

Bombyx mori, Caterpillars, Insect behavior, Larvae, Light, Physiology.

RESPONSES OF TERMITES (INSECTA: ISOP-TERA) TO GRAVITY.

P K Sen-Sarma B K Gupta

Cur Sci 37(17):501-502

05 Sep 1968 475 SC123 Gravitation, Habitats, Insect behavior, Termites.

22448-68

A PHEROMONE-LIKE DISPERSANT AFFECT-ING THE LOCAL DISTRIBUTION OF THE EUROPEAN HOUSE CRICKET, ACHETA HOUSE CRICKET, DOMESTICA.

O J Sexton E H Hess

Biol Bull 134(3):490-502

Jun 1968 442.8 B52

Acheta domesticus, Attractants, Demography, Insect dissemination, Phermones.

22449-68

STUDIES ON THE BIOLOGY OF ATHALIA PROXIMA KLUG (TENTHREDINIDAE; HYMENOPTERA).

D B Shirke R R Rawat S V Dhamdhere

Madras Agr J 55(5):228-234 REF

May 1968 22 M262

Aging, Athalia proxima, Crop losses, Cruciferae, Histology, Insect behavior, Insect biology, Molting (insects), Morphology, Plant injuries.

22450-68

ON THE DUCT OF SECRETORY GLANDS ON THE FIRST CHELICERAL SEGMENT IN THE FAMILY NEMASTIMATIDAE AND THE APPLICATION OF THIS CHARACTER IN TAXONO-MY (OPILIONIDEA). (GE)

V Silhavy

Acta Ent Boliemoslov 64(4):319-321

20 Jul 1967 420 C33

Glands (insects), Insect morphology, Insect tax-onomy, Phalangida. English and Czech abstracts

GAMMA AMINOBUTYRIC ACID CHANGES IN THE SPONTANEOUS FIRING RATES OF IN-SECT NEURONS.

O D Sittler R J DeRemer Experientia 23(4):284-285

15 Apr 1967 475 EX7 potential, Biochemistry, Insect Bio-electric physiology, Nerves, Stimulants.

22452-68

POPULATIONS OF FALL ARMYWORM, CORN EARWORM, AND SUGARCANE BORER ON ST. CROIX, U.S. VIRGIN ISLANDS.

J W Snow W W Cantelo R L Burton S D Hensley J Econ Entomol 61(6):1757-1760 MAP 16 Dec 1968 421 J822

Diatraea saccharalis, Heliothis zea, Insect populations, Insect traps, Spodoptera frugiperda, Surveys.

OBSERVATIONS ON THE RATE OF HEART-BEAT IN THE VARIOUS STAGES OF THE TIGER BEETLE CICINDELA CANCELLATA DEJ.

A B Soans J S Soans Cur Sci 37(4):108 20 Feb 1968 475 SC123

Cicindelidae, Heart rate, Insect morphology, Insect physiology

ACCLIMATIZATION OF INSECTS TO LOW TEMPERATURES. (NO)

1. Somme

Opusc Entomol 33(1-2):57-63 REF

1968 421 OP7

Cold, Insect acclimatization, Insect ecology, Temperature.

22455-68

EFFECT OF TEMPERATURE AND HUMIDITY ON THE SUSCEPTIBILITY OF BEDBUGS TO INSECTICIDES.

C P Srivastava S L Perti Pesticides 1(8):25-26 REF Apr 1968 S0B951.0P43

Carbamates, Carbaryl, Chemical control (insects), Chlorinated hydrocarbons, Cimex hemipterus, Diazinon, Dieldrin, DDT, Humidity, Insecticide resistant insects, Lindane, Malathion ganophosphorus compounds, Temperature. Malathion,

22456-68

ANTS- ANCIENT CITY DWELLERS. H Steele

Frontiers 32(5):8-11

Jun 1968 410 F92

Formicidae, Insect behavior, Insect biology, Insect pests, Social insects.

22457-68

FINE STRUCTURE OF THE TIP OF CHEMOSENSITIVE HAIRS IN TWO BLOW FLIES AND THE STABLE FLY.

B Sturckow P E Holbert J R Adams

Experientia 23(9):780-782 REF

15 Sep 1967 475 EX7

Calliphoridae, Chemoreceptors, microscopy, Hair, Phormia regina, Stomoxys calcitrans

DETERMINATION OF THE SUITABILITY OF A MICRODOSER FOR TOPICAL APPLICA-TION OF INSECTICIDES TO THE COLORADO POTATO BEETLE. (CZ

L Taimr J Dirlbek

Czech Min Zemed Statnim Ustav Vedeckotech Inform Ved Pr 11:201-206

1967 19.5 C3332

Biochemistry, Chemical control (insects), Insecticide application, Insecticides, Leptinotarsa decemlineata, Particle size determination, Radiometry, Triolein. English, German, and Russian summary.

22459-68

EVIDENCE FOR THE APPEARANCE OF CAL-CIUM IN MUSCLE FIBERS BY THE CHLORATING ACTION OF POTASSIUM AND THE TOXIN OF SCORPION VENOM (ANDROCTONUS AUSTRALIS), (FR)

F Tazieff-Depierre M Lievremont M Czajka Acad Sci Compt Rend Ser D Sci Nat 267(18, 2ND SEMESTER):1477-1478

28 Oct 1968 505 P21

Calcium, Chemical analysis, Muscles, Scorpionida, Venoms

22460-68

HOST-FEEDING PATTERNS OF CULEX TAR-SALIS IN THE SACRAMENTO VALLEY, CALIFORNIA, WITH NOTES ON OTHER SPE-

C H Tempelis R K Washino J Med Entomol 4(3):315-318 REF 10 Aug 1967 421 J828

Culex tarsalis, Feeding, Geography, Insect behavior, Research.

MONARCH BUTTERFLY (DANAUS PLEXIP-PUS) MIGRATION STUDIES: AUTUMNAL MOVEMENT.

F A Urquhart

Entomol Soc Ontario Proc 95:23-33 REF

1964 420 ON8

Danaus plexippus, Geography, Insect behavior, Insect flight, Insect identification, Insect migration.

22462-68

SYSTEMATIC DISCONTINUITIES BETWEEN EGGS AND HOPPERS FROM INDIVIDUAL EGG-PODS OF THE BROWN LOCUST.

I G Venter W J Potgieter

S Afr J Agr Sci 10(1):293-298

Mar 1967 24 SU3

Acrididae, Demography, Eggs, Insect ecology, Insect outbreaks.

22463-68

INSECT AND HOST FACTORS IN THE AG-GREGATION OF THE SOUTHERN PINE BEE-TLE.

J P Vite J A A Renwick

Boyce Thompson Inst Contrib 24(4 JUL-SEP):61-

Sep 1968 451 B69

Demography, Dendroctonus frontalis, Insect behavior, Insect outbreaks, Pheromones.

22464-68

THE ECOLOGY OF SMINTHURUS VIRIDIS (COLLEMBOLA). II. DIAPAUSE IN THE AESTIVATING EGG.

M M H Wallace Australian J Zool 16(5):871-883

Nov 1968 410 AU73

Collembola, Diapause, Insect eggs. Part I. in vol. 15:1173-1206, 1967

22465-68

CULISETA MELANURA (COQUILLE BREEDING IN ARTIFICIAL CONTAINERS. (COQUILLETT)

R C Wallis L Whitman J Med Entomol 4(3):273-274

10 Aug 1967 421 J828

Breeding, Culiseta melanura, Ecology, Insect cages, Plants, Research.

22466-68

THE EFFECT OF COLCHICINE ON MYOGENESIS IN VIVO IN RANA PIPIENS AND RHODNIUS PROLIXUS (HEMIPTERA).

R H Warren

J Cell Biol 39(3):544-555 REF

Dec 1968 442.8 J828

Colchicine, Hemiptera, Insect physiology, Muscles, Reduviidae.

VEROMESSOR LOBOGNATHUS: FOURTH NOTE (HYMENOPTERA: FORMICIDAE). G C Wheeler J Wheeler

Kans Entomol Soc J 40(2):238-241

Apr 1967 420 K13

Geography, Insect dissemination, Insect flight, Insect identification, Reports, Research, Veromessor lobognathus.

BROOD OF CALLIDIUM TEXANUM SCHAEFFER (CERAMBYCIDAE).

C E White

Coleopt Bull 22(1):31-32

Mar 1968 421 C674

Cerambycidae, Insect ecology, Sex ratios.

A LABORATORY METHOD FOR CONTINU-OUSLY REARING THE GREEN STINK BUG.

G Wilde

J Econ Entomol 61(6):1763-1764

16 Dec 1968 421 J822

Acrosternum hilare, Beans, Insect rearing, Insect rearing equipment, Methodology.

EVALUATION OF TOPICALLY APPLIED DIMETHOATE FOR CONTROL OF LILAC LEAF MINER.

N W Wilkinson

J Econ Entomol 61(6):1746

16 Dec 1968 421 J822

Chemical control (insects), Dimethoate, Gracillaria syringella, Syringa.

22471-68

INDUCTION OF RESISTANCE TO BACILLUS THURINGIENSIS IN A LABORATORY STRAIN OF HOUSE FLIES.

B H Wilson E C Burns

J Econ Entomol 61(6):1747-1748

16 Dec 1968 421 J822

Bacillus thuringiensis, Insect cultures, Insect diseases, Insect eggs, Insect rearing, Musca domestica.

22472-68

TOXICITY OF SELECTED INSECTICIDES AGAINST ADULT STRIPED HORSE FLIES IN LABORATORY TESTS.

B H Wilson

J Econ Entornol 61(6):1764-1765

16 Dec 1968 421 J822

Biological assay, Chemical control (insects), Dosage, Insecticides, Mortality, Tabanus lineola, Time.

22473-68

THE ERGONOMICS OF CASTE IN THE SO-CIAL INSECTS.

E O Wilson

Amer Natur 102(923,JAN-FEB):41-66 REF 27 Feb 1968 470 AM36

Insect behavior, Insect ecology, Insect genetics, Mathematical analysis, Social insects.

22474-68

MASS BREEDING OF THE KHAPRA BEETLE. U Yinon

J Econ Entomol 61(6):1738-1739

16 Dec 1968 421 J822

Insect rearing, Methodology, Trogoderma granarium.

GENETICS

22475-68

STUDIES ON THE TERMINAL RESPIRATORY SYSTEMS IN THE MINUTE (2)Z MUTANT OF DROSOPHILA MELANOGASTER.

H H Goldin

J Exp Zool 169(1):53-58 REF

Sep 1968 410 J825

Adenosine triphosphates, Drosophila melanogaster, Insect genetics, Insect respiration, Mitochondria, Mutation, Phosphorus, Research.

22476-68

THE RELATION BETWEEN HETEROZYGOSITY AND INVERSION HETEROZYGOSITY AND DOMINANT LETHALITY IN DROSOPIIILA PSEUDOOB-DOMINANT 22485-68 SCURA.

R F Grell

Amer Natur 102(923 JAN-FEB):87-89

27 Feb 1968 470 AM36

Chromosomes, Drosophila pseudoobscura, Insect geneties.

22477-68

THE GENETICS OF CHILASA CLYTIA LAN-KESWARA (THE COMMON MIME).

P B Karunaratne C A Clarke P M Sheppard Entomologist (london) 100(1245):27-28 Feb 1967 421 EN8

Insect genetics, Papilionidae, Zoogeography.

22478-68

GRASSHOPPER SPE COMPLEXES SPERMATOCYTES AND

P B Moens

J Cell Biol 40(2):542-551 REF

Feb 1969 442.8 J828

Chromosomes, Electron microscopy, Grasshoppers, Inseet geneties, Meiosis, Spermatocytes.

22479-68

SELECTION OF PHASE TYPES BASED ON HOPPER COLORATION IN LOCUSTA MIGRA-TORIA MIGRATORIOIDES (REICHE FAIR-MAIRE).

M D Nel

S Afr J Agr Sci 10(2):461-470

Jun 1967 24 SU3

Color, Demography, Insect genetics, Locusta migratoria.

22480-68

ON THE DISPERSAL OF DROSOPHILA.

B Wallace

Amer Natur 102(923, JAN-FEB):85-87

27 Feb 1968 470 AM36

Demography, Drosophila, Insect geneties, Mathematical analysis.

DISPERSION OF DROSOPHILA PSEUDOOB-SCURA.

S Wright

Amer Natur 102(923, JAN-FEB):81-84

27 Feh 1968 470 AM36

Demography, Drosophila pseudoobscura, Insect geneties, Mathematical analysis.

MEDICAL ENTOMOLOGY

22482-68

THE USE OF INSECTICIDES FOR CONTROL OF MOSQUITO LARVAE IN DENMARK.

Opusc Entomol 33(1-2):37

1968 421 OP7

Chemical control (insects), Culicidae, Insecticides, Larvae.

DEET-IMPREGNATED NET SHIRT REPELS BITING FLIES.

E P Catts

J Econ Entomol 61(6):1765

16 Dec 1968 421 J822

Deet, Diptera, Protective clothing.

A PRELIMINARY REPORT ON THE BREED-ING SITES AND INCIDENCE OF AEDES IN DELHI.

M K K Pillai B V R Madhukar K K Grover

Cur Sci 37(1):4-5

05 Jan 1968 475 SC123

Aedes, Breeding, Habitats, Insect ecology, Surveys, Zoogeography.

CROP PROTECTION

LEGISLATION FOR AERIAL SPRAYING.

Victorian Hort Dig 12(2,MAY-JUL):31-32 1968 80 V662

Aerial spraying, Agricultural legislation, Chemicals, Geography, Plant injuries.

AERIAL SPRAYING BOOSTS JUTE OUTPUT.

G N Bhatia C J Fredriekson

Pesticides 1(7):46-47

Mar 1968 S0B951.0P43

Aerial spraying, Chemical control (insects), Chlorinated hydrocarbons, Fertilizers, Jute, Lindane. Urea.

22487-68

THE KNOWLEDGE OF THE INTERDEPEN-DENCE BETWEEN SOIL PESTS, WEEDS, AND THEIR CONTROL MEASURES. (GE)

M Maceljski

Anz Schadlingskunde 41(6):81-84

Jan 1968 421 AN9

Herbicides, Insecticides, Methodology, Pest control, Pesticide application, Research, Soils, Weeds. Report given to 6th International Congress for Plant protection, vienna, 1967. english summary

NEW INJECTION SYSTEM FOR KILLING OR **CURING TREES.**

M Newton

Weed Soc Amer Abstr 1966 MEETING:30-31

1966 241 W41

Chemical control (insects), Dosage, Equipment, Insecticides, Pesticide application, Silvicides, Tree

22489-68

BIOLOGICAL CONTROL OF INSECTS AND WEEDS.

F J Simmonds

Pesticides 1(6):28 P

Feb 1968 S0B951.0P43

Beneficial insects, Biological control (insects), Biological control (weeds), Plant pest control.

CITRUS DISEASES AND PESTS.

K C Srivastava K M Bojappa K A Nanaya C K Nanjappa

Pesticides 1(7):32-37

Mar 1968 S0B951.0P43

Citrus, Insect pests, Mites, Plant diseases, Plant nematodes, Plant nutritional deficiencies, Plant pest control.

22491-68

THE PRINCIPLE OF INTEGRATED PLANT PROTECTION. (GE)

H Steiner

Anz Schadlingskunde 41(9):129-131

Sep 1968 421 AN9

Biological control (pests), Chemical control (pests), Economies, Integrated control (insects), Integrated control (weeds), Plant injuries, Plant protection. English and French summary.

INTEGRATED PLANT PROTECTION IN FRUIT GROWING, (GE)

H Steiner J Bosch

Anz Schadlingskunde 41(9):135-139

Sep 1968 421 AN9

Biochemistry, Chemical eontrol (insects), Economics, Fruit, Insecticides, Plant injuries, Plant protection. English and French summary

DISEASES

22493-68

VARIETAL RESISTANCE OF WINTER BAR-LEY TO LOOSE SMUT OF BAR (USTILAGO NUDA (JENS.) ROSTR.). (CZ)

P Bartos

Czech Min Zemed Statnim Ustav Vedeckotech Inform Ved Pr 11:197-200

1967 19 5 C3332

Barley, Breeding, Injections, Plant disease resistance, Research, Smut (barley), Ustilago nuda. English, Russian, and German summary

UTILIZATION OF CARBON COMPOUNDS BY FUSARIUM SOLANI F. AURANTIFOLIAE BHAT. AND PRASAD.

G C Bhatnagar N Prasad

Indian Acad Sci Proc Sect B 68(3):163-168 REF Sep 1968 513 IN250B

Carbon compounds, Fusarium solani, Metaholism, Myeology, Sugars.

22495-68

SOME OBSERVATIONS ON VECTORS AND TRANSMISSION OF TOBACCO ETCH VIRUS.

H R Boyce C D McKeen

Entomol Soc Ontario Proc 97:68-71

1966 420 ON8

Etch (tobaeco), Insect vectors, Physalis, Research, Tobacco.

22496-68

VIRUS TESTED DECIDUOUS FRUIT TREES.

C R Brough

Victorian Hort Dig 12(2,MAY-JUL):27-30

1968 80 V662

Agricultural outlook, Fruit, Plant protection, Research, Tree diseases, Virus diseases (plants).

THE EVOLUTION OF RESISTANCE IN HOSTS AND PESTS. (GE)

J Crow

Prakt Schadlingsbekampfer 20(4):33-35

Apr 1968 421 P882

Insect ecology, Insect evolution, Insect pests, Mutation, Pesticides, Plant disease resistance, Viruses. Translated and introduced by E. Dohring, Bundesgesundheitsamt. Institut für Wasser-Boden und Lufthygiene, Corrensplatz 1, 1 Berlin 33 (Dahlem).

STUDIES ON THE INFECTION OF CUCUMBER MOSAIC VIRUS, III. TIME OF THE INFECTION AFTER INOCULATION WITH WHOLE VIRUS OR WITH VIRAL NUCLEIC ACID.

Y Ehara T Misawa

Tohoku J Agr Res 17(3):193-200

Mar 1967 22.5 T574 Cowpeas, Cucumbers, Mosaic, Nucleic acids, Plant disease transmission, Virus diseases (plants).

PESTICIDES AND MODERN PLANT PRODUC-TION. (NO.)

J Fjelddalen

Opusc Entornol 33(1-2):38-42

1968 421 OP7

Pesticides, Plant ecology, Plant pest control, Plant propagation, Reviews. English abstract

22500-68

EFFECTS OF TOMATO RINGSPOT VIRUS ON PLANT AND FRUIT DEVELOPMENT OF RASP-

BERRIES. J A Freeman R Stace-Smith

Can J Plant Sci 48(1):25-29

Jan 1968 450 C16 Crop losses, Raspberries, Ring spot, Virus diseases (plants).

THE DECAY OF CITRUS FRUITS CAUSED BY FUSARIUM LATERITIUM NEES (GIBBEREL-LA BACCATA (WALLR.) SACC.). (IT)

P Gambogi

Agr Ital (N s 22)67(2,MAR-APR):77-83

Apr 1967 16 AG8259

Citrus, Color, Diagnosis, Fungus diseases (plants), Fusarium lateritium, Research. English summary

EARLY DETECTION OF INFECTION OF SU-GARCANE BY RATOONSTUNTING DISEASE (RSD).

P B Hutchinson P G Stanley D R Strong

Experientia 23(5):341

15 May 1967 475 EX7

Diagnosis, Methodology, Phytopathology, Ratoon stunt, Sugarcane, Virus diseases (plants)

DETERMINATION OF THE INHIBITION AC-TIVITY IN THE SAP FROM POTATO LEAVES WITH REGARD TO THE X-VIRUS BY MEANS OF A SEROLOGICAL METHOD. (CZ)

E Jermoljev E Beckova

Czecli Min Zemed Statnim Ustav Vedeckotech Inform Ved Pr 11:207-212 REF

1967 19.5 C3332

Leaves, Plant disease control, Plant disease resistance, Potatoes, Sap, Serological tests, Virus diseases (plants), Virus x (potatoes). English, German, and Russian summary

EFFECT OF AMINO ACIDS AND ORGANIC ACIDS ON THE SEXUAL REPRODUCTION OF SPECIES OF PHYTOPHTHORA AND PYTHI-UM.

J A Leal B Gomez-Miranda

Brit Mycol Soc Trans 50(PT 1):77-84 REF

Mar 1967 451 B76

Amino acids, Fungi, Organic compounds, Phytophthora, Pythium, Reproduction.

22505-68

ON THE PRESENCE OF MYCOPLASMA-LIKE PARTICLES IN THE INNER BARK OF PLANTS DAMAGED BY DISEASES OF THE YELLOW TYPE (ASTER YELLOW, PHYLLODY OF CLOVER, STOLBUR OF TOMATOES) AND ON THE RELATIONSHIP OF THESE PARTICLES TO THE ONES FOUND IN VARIOUS INSECTA HOMOPTERA. (FR)

P L Maillet J P Gourret C Hamon

Acad Sci Compt Rend Ser D Sci Nat 266(24, 1ST SEMESTER):2309-2311 REF

10 Jun 1968 505 P21

Aster yellows, Clover, Electron microscopy, Histology, Homoptera, Phyllody, Stolbur, Vinca, Yellows

22506-68

BOTRYTIS STEM ROT. HOW TO CONTROL

R E Partyka

Amer Veg Grower 16(11):26-28,39-40

Nov 1968 80 C733

Botrytis cinerea, Diagnosis, Fungicides, Fungus diseases (plants), Stem rot, Temperature, Tomatoes.

A VIRUS OF TABACCO RATTLE GROUP NATURALLY OCCURRING IN PLANTAGO SP. IN TCZECHOSLOVAKIA.

Z Polak O Kralik M Cech

Biol Plant 10(1):31-36 REF

Jan 1968 450 B52

Biological assay, Plantago, Rattle disease (tobacco), Tobacco.

IMPATIENS PARVIFLORA DC.--A NATURAL HOST OF CABBAGE BLACK RINGSPOT AND CUCUMBER MOSAIC VIRUSES.

Z. Polak

Biol Plant 9(5):354-359 REF

Oct 1967 450 B52

Black ring spot (cabbage), Cabbage, Cucumbers, Mosaic (cucumbers), Tobacco, Virus diseases (plants), Wild flowers.

22509-68

FRUIT DISEASES IN ILLINOIS IN 1967.

D Powell

Ill State Hort Soc Trans 101:99-101

1968 81 10L6

Apples, Peaches, Plant diseases, Strawberries, Sur-

22510-68

STRAIN VARIATION AND HOST SPECIFICITY OF RHIZOBIUM. II. HOST SPECIFICITY OF RHIZOBIUM TRIFOLII ON EUROPEAN CLOVERS.

S Saubert J G Scheffler

S Afr J Agr Sci 10(1):85-94 REF

Mar 1967 24 SU3

Clover, Nitrogen-fixation, Rhizobium.

CONTROL PEACH LEAF CURL.

W. I. Scil.

Victorian Hort Dig 12(2,MAY-JUL):7-8

1968 80 V662

Bordeaux mixture, Chemical control (plant diseases), Fungus diseases (plants), Leaf curl, Peaches, Spraying.

22512-68

FURTHER STUDIES ON MOSAIC DISEASE OF MAIZE (ZEA MAYS L.).

M L Seth S P Raychaudhuri

Biol Plant 9(5):372-376

Oct 1967 450 B52

Corn, Hydrogen-ion concentration, Insect vectors, Mosaic, Schizaphis graminum, Sugarcane, Virus diseases (plants).

22513-68

VIRUS LIKE PARTICLES IN FICUS ELASTICA ROXB.

J Smolak J Brcak

Biol Plant 10(1):81-83

Jan 1968 450 B52

Ficus clastica, Necrosis, Virus diseases (plants).

POTENTIAL FUNGICIDES.

K S L Srivastava

Cur Sci 37(11):315-316

05 Jun 1968 475 SC123

Biological assay, Chemical reactions, Euphorbia, Fungicides, Helminthosporium.

PENTACHLOROBENZYL ALCOHOL, ACETATE, PROPIONATE AND BUTYRATE FOR COMBATTING RICE BLAST. PATENT 3,426,135

H Sumi Y Takahi Y Kondo Y Hamamoto T Nishimura

Us Patent Office Offic Gaz 859(1):281

04 Feb 1969 156.65 OF2

Blast (rice), Fungus diseases (plants), Patents, Pentachlorobenzyl acetate, Pentachlorobenzyl alcohol, Pentachlorobenzyl butyrate, Pentachlorobenzyl propionate, Rice.

22516-68

HOW PLANTS PROTECT THEMSELVES AGAINST FUNGUS.

R L Wain

Pesticides 1(5):25-26

Jan 1968 S0B951.0P43

Fungus diseases (plants), Plant disease resistance.

ARTHROPODS

22517-68

INSECTICIDES IN NORWEGIAN FORESTRY.

A Bakke

Opusc Entornol 33(1-2):42-43

1968 421 OP7

DDT, Forestry, Hylobius, Insecticides, Lindane. English abstract

AN ESTIMATE OF THE AREA OF DANISH FORESTRY WHICH IS TREATED WITH PESTICIDES OTHER THAN HERBICIDES.

B Bejer-Petersen

Opusc Entomol 33(1-2):44-46

1968 421 OP7

Chemical control (insects), DDT, Forestry, Insect control, Lindane, Organophosphorus compounds.

SETTING UP A METHOD FOR CONTROL OF CLOVER WEEVILS. (FR)

M Bertran P Jourdheuil

Rev Zool Agr Appl 66(10-12, 4TIL TRIMESTER):117-138 REF

1967 410.9 SO12

Chemical control (insects), Curculionidae, DDT, Hypera, Insect pollinators, Predaceous insects, Red clover, Toxaphene.

The chemical control of various weevils of red clover is discussed. Side effects of treatment on the grain, the insect pollinators, and natural predators arc considered.

22520-68

LATE BLIGHT OF POTATOES.

J H Brandon

New Zeal J Agr 117(6):53,55,57,59

Dec 1968 23 N48J

Chemical control (plant diseases), Late blight (potatoes), Potatoes

Fungicidal control of late blight of potatoes in New Zealand is discussed. The advantages of different methods of crop spraying are given.

SEARCH FOR MORE RICE.

F C Byrnes

Pesticides 1(9):11-14

May 1968 S0B951.0P43

Carbamates, Carbaryl, Chemical control (insects), Chlorinated hydrocarbons, Lindanc, Rice.

EFFECTS OF LINDANE AND CARBARYL ON INSECTS, SOIL AND PLANT NITROGEN, AND GRAIN YIELD OF RICE.

S K De Datta R S Ayyangar J T Magbanna

Exp Agr 3(3):239-247

Jul 1967 10 EX72

Carbaryl, Chemical control (insects), Chilo sup-pressalis, Crop yields, Insect control, Lindane, Nephotettix, Rice.

BIOASSAY EVALUATION OF HEPTACHLOR, ISOBENZAN, AND DIAZINON USED AGAINST THE ALFALFA WEEVIL IN NORTHERN UTAH.

D W Davis L L Wu

J Econ Entornol 61(6):1751-1752

16 Dec 1968 421 J822

Alfalfa, Biological assay, Chemical control (insects), Diazinon, Heptachlor, Hypera postica, Insecticide resistant insects, Isobenzan.

PROBLEMS IN PLANT PATHOLOGY AND EN-TOMOLOGY FIELD TRIALS.

G H Freeman

Exp Agr 3(4):351-358 REF

Oct 1967 10 EX72

Entomology, Experimental design, Methodology, Plant diseases, Statistics, Surveys.

THE ARMYWORM PSEUDALETIA UNIPUNC-TA HAWORTH IN ONTARIO IN 1964.

H W Goble

Entomol Soc Ontario Proc 95:11-14 1964 420 ON8

Chemical control (insects), Crop losses, Food plants, Insect dissemination, Insect outbreaks, Pseudaletia unipuncta, Research.

CHEMICAL WEED CONTROL.

M N Hari

Pesticides 1(7):16-17 Mar 1968 S0B951.0P43

Chemical control (weeds), Crops, Herbicides.

22527-68

THE CONTINUING STRUGGLE AGAINST WEEDS.

B J Heywood Pesticides 1(7):13-15

Mar 1968 S0B951.0P43

Chemical control (weeds), Crops, Herbicides.

22528-68

OCCURRENCE OF BLUE LEAF-HOPPER TYPHLOCYBA MACULIFRONS MOTSCH ON RICE.

P Israel B C Misra Cur Sci 37(4):113-114 20 Feb 1968 475 SCI23

Hemiptera, Insect identification, Rice.

22529-68

RED MITE CONTROL IN HAWKE'S BAY ORCHARDS.

J A Jarvis

New Zeal J Agr 117(6):24-25,27,29

Dec 1968 23 N48J

Acaricides. Chemical control (insects), Panonychus ulmi, Parasitic insects, Trees.

22530-68

INSECTICIDES IN FINNISH FORESTRY, (NO.)

E Kangas

Opusc Entomol 33(1-2):46-49

1968 421 OP7

Diprion, DDT, Forestry, Hylobius, Insecticides.

English abstract

22531-68

REFLECTIONS ON THE ESTIMATION OF FOOD LOSSES DUE TO BRUCHIDAE (COLEOPTERA). (FR)

Y de Luca

Rev Zool Agr Appl 66(10-12, 4TH TRIMESTER):152-154

1967 410.9 SO12

Bruchidae, Crop losses, Economics, Grain, Leguminosae, Predaceous insects.

22532-68

SYSTEMIC INSECTICIDES EVALUATED FOR TWO-SPOTTED MITE CONTROL ON GREEN-HOUSE CUCUMBERS.

R J McClanahan

Entomol Soc Ontario Proc 97:99-102

1966 420 ON8

Biological control (insects), Chemical control (insects), Cucumbers, Greenhouse culture, Insecticides, Plant protection, Research, Tetranychus ur-

22533-68

SUMMARY OF INSECT AND MITE IN-CIDENCE ON FRUIT IN 1967.

R H Meyer

Ill State Hort Soc Trans 101:72

1968 81 IOL6

Acarina, Fruit, Insect pests, Surveys.

A STUDY ON CHANGES IN LARVAL AND PUPAL DENSITIES OF THE RICE STEM BORER, CHILO SUPPRESSALIS WALKER, IN ITS FIRST GENERATION.

A Otake

Jap J Ecol 17(4):156-165

Aug 1967 410 J272

Chilo suppressalis, Larvae, Plant injuries, Pupae, Research, Rice. Japanese summary

22535-68

CONTROL OF RED SPIDER MITE ON SOYA BEAN.

H K Patel V C Patel

Pesticides 1(7):21-23

Mar 1968 S0B951.0P43

Acaricides, Chemical control (insects), Soybeans, Tetranychidae.

22536-68

AERIAL PEST CONTROL.

H R Patel

Pesticides 1(6):27,30

Feb 1968 S0B951.0P43

Aerial spraying, Aircraft, Chemical control (insects), Plant pest control.

22537-68

A MECHANICAL HARVESTER FOR COL-LECTING LARVAE OF THE WHEAT STEM SAWFLY.

L K Peterson H J Bergen H McKenzie

Can J Plant Sci 48(1):109-110

Jan 1968 450 C16

Cephus cinctus, Insect collecting equipment, Larvae, Wheat.

22538-68

FEEDING OF HORSEFLIES (TABANIDAE: DIP-TERA) ON PLANT JUICES.

R H Roberts

Entomol News (philadelphia) 78(9):250

Nov 1967 421 EN88

Feeding, Plants, Research, Secretion, Tabanidae.

22539-68

RED LEGGED EARTH MITE AND PEA MITE REVISED CONTROL RECOMMENDATION.

Tasmanian J Agr 38(1):40

Feb 1967 23 T182T

Chemical control (insects), Imidan, Insecticide residues, Penthaleus major.

PASTURE COCKCIIAFER CONTROL INTERIM REVISED CONTROL RECOMMENDATION.

Tasmanian J Agr 38(2):147-148

May 1967 23 T182T

Aphodius, Azinphosmethyl, Carbaryl, Chemical control (insects), DDT, Insecticide residues, Lindane, Scarabaeidae.

Azinphosmethyl and carbaryl are recommended for the control of the pasture cockchafer, Aphodius and lieu of DDT lindane in order to reduce the level of field posticide residues.

22541-68

FURTHER OBSERVATIONS OF THE TOLERANCE AND SUSCEPTIBILITY OF TEACLONES TO SHOT-HOLE BORER INFESTA-TION.

K Thirugnanasuntharan D Calnaido Ceylon Tea Res Inst Tea Quart 39(PT 1-2, MAR-JÚN):6-10

Jun 1968 68.18 C33

Plant breeding, Plant pest resistance, Scolytus rugulosus. Tea.

22542-68

THE SMALL GOOSEBERRY SAWFLY (PRISTIPHORA PALLIPES LEP.), A LITTLE-KNOWN PEST OF GOOSEBERRIES. (DU)

A Van Frankenhuyzen Entomol Ber 27(2):21-24 01 Fcb 1967 420 N38B

Hymenoptera, Parasitism, Tenthredinidae. English abstract

22543-68

THE HOSTS AND LIFE HISTORIES OF THREE MIRID BUGS OF ECONOMIC IMPORTANCE WITH NOTES ON THEIR CONTROL.

J A Wightman

Entomologist (london) 100(1254):281-283

Nov 1967 421 EN8

Apples, Chemical control (insects), Chrysanthemum, Fruit, Miridae, Potatoes.

22544-68

THE PEAR PSYLLA, PSYLLA PYRICOLA FOERSTER, IN ONTARIO; HOMOPTERA: CHERMIDAE.

W H A Wilde

Entomol Soc Ontario Proc 95:5-10 REF

1964 420 ON8

Histology, Insect control, Psylla pyricola, Research.

NEMATODES

22545-68

SOUTH AMERICAN ORIGIN OF EUROPEAN PATHOTYPES OF THE POTATO-ROOT EEL-WORM, HETER WOLLENWEBER. HETERODERA ROSTOCHIENSIS

C Ellenby L Smith

Nematologica 14(4).597-599 REF

1968 436.8 N342

Evolution, Heterodera rostochiensis, Plant ne-matodes, Plant pest resistance, Potatoes.

THE SURVIVAL OF DESICCATED LARVAE OF HETERODERA ROSTOCHIENSIS AND II. SCHACHTIL +

C Ellenby

Nematologica 14(4):544-548 REF

1968 436.8 N342

Cysts, Drying, Heterodera Heterodera schachtii, Longevity. Heterodera rostochiensis.

22547-68

ELECTROPHORETIC OBSERVATIONS ON THE PROTEIN COMPOSITION OF FREE-LIV-ING AND PLANT-PARASITIC NEMATODES, WITH A SPECIAL REFERENCE TO SOME COMPONENTS SHOWING A DIGESTIVE AC-TIVITY.

H Gysels

Nematologica 14(4):489-496 REF

1968 436.8 N342

Electrophoresis, Plant nematodes, Proteinases.

22548-68

FLAVIANIC ACID AS A HATCHING AND STIMULATING AGENT FOR HETERODERA ROSTOCHIENSIS CYSTS.

G. I. lanzen

Nematologica 14(4):601-602

1968 436.8 N342

Chemistry, Cysts, Hatching, Heterodera rostochiensis, Potatoes, Stimulants.

THE EFFECTS OF APHELENCHOIDES SAPROPHILUS, A. COFFEAE, APHELENCHUS AVENAE AND PANAGROLAIMUS SP. ON THE CROPPING OF CULTIVATED MUSHROOM.

R W McLeod

Nematologica 14(4):573-576

1968 436.8 N342

Aphelenchoides, Crop yields, Mushrooms, Plant nematodes.

22550-68

22550-66

IIORSENETTLE CYSI
VIRGINIAE
VIRGINIAE NEMATODE, SP., PARASITE OF SOLANACEOUS PLANTS.

L 1 Miller B J Gray Nematologica 14(4):535-543

1968 436.8 N342

Heterodera, Solanaceae, Taxonomy.

22551-68

POTOTO CULTIVATION AND THE ROOT-LE-SION NEMATODE OF TEA. P Sivapalan

Ceylon Tea Res Inst Tea Quart 39(PT 1-2,MAR-JUN):4-5

Jun 1968 68.18 C33

Plant nematodes, Potatoes, Roots, Tea. 22552-68

PROCESS FOR THE CONTROL OF NE-MATODES USING PETROLEUM OIL AND WATER EMULSIONS. PATENT 3,426,126.

G Thorne A F Millikan

Us Patent Office Offic Gaz 859(1):280

04 Feb 1969 156.65 OF2

Chemistry, Nematodes, Patents Petroleum, Plant protection, Water. Patents,

22553-68

THE ACTION OF CALCIUM CYANAMIDE ON SOME FUNGU MATODES. (IT) FUNGUS PREDATORS OF

O Verona A A Lepidi

Agr Ital (N s 22)67(2,MAR-APR):84-91

Apr 1967 16 AG8259

Calcium cyanamide, Fungicides, Nematodes, Predaccous fungi. English summary.

WEEDS

22554-68

THE EFFECTS OF PETROLEUM MULCII AND HERBICIDES ON LETTUCE.

H Agamalcan

Weed Soc Amer Abstr 1966 MEETING:18 1966 241 W41

Chemical control (weeds), Chloroallyl diethyldithiocarbamate, 2-, Herbicides, Isopropyl N-(3chlorophenyl)carbamate, Mulches. Lettuce, Petroleum, Seedlings, Soil temperature, Trifluralin.

22555-68

OF COMPETITION COW COCKLE (SAPONARIA VACCARIA L.) AND LINSEED FLAX.

J F Alex

Weed Soc Amer Abstr 1966 MEETING:55 1966 241 W41

Clay soils, Crop yields, Flaxseed, Saponaria vaccaria, Seed planting, Weeds.

WEED CONTROL IN ESTABLISHED ALFALFA WITH SOIL-APPLIED HERBICIDES.

A P Appleby W R Furtick D G Swan Weed Soc Amer Abstr 1966 MEETING:1 1966 241 W41

Alfalfa, Atrazine, Bromacil, Bromus tectorum, Chemical control (weeds), Diuron, Herbicides, Simazine, Soil sanitation.

OBSERVATIONS ON THE USE OF PREPLANT HERBICIDES IN PASTURE ESTABLISHMENT IN THE WET TROPICS.

D R Bailey

Queensland J Agr Anim Sci 24(1):31-40

Mar 1967 23 Q37

Chemical control (weeds), D, 2,4-, Diquat, Herbicide residues, Panicum maximum, Paraquat, Pasturc management, Prometryne.

FACTORS AFFECTING THE ACTIVITY OF DI-ALLATE.

J D Banting

Weed Soc Amer Abstr 1966 MEETING:6 1966 241 W41

Avena fatua, Biological assay, Chemical control (weeds), Clay soils, Diallate, Herbicide residues, Plant physiology, Soil moisture, Soil organic matter, Soil wilting coefficient, Vapors, Wheat.

22559-68

AMINE-PHOSPHORUS PENTAFLUORIDE COMPLEXES AS HERBICIDES. PATENT 3,420,655.

M E Brokke G E Lukes J Hazzard D R Arneklev Us Patent Office Offic Gaz 858(1):229

07 Jan 1969 156.65 OF2

Amines, Fluorides, Herbicides, Patents, Phosphorus, Wccd control.

22560-68

HERBICIDAL **1-SUBSTITUTED** TRIBROMOIMIDAZOLES. PATENT 3,423,420. K H Buechel W Draber F W A G K Korte

Us Patent Office Offic Gaz 858(3):948 21 Jan 1969 156.65 OF2

Chemistry, Halogen compounds, Herbicides, Imidazoles, Patents, Weed control.

ATMOSPHERIC FUMIGATION OF DORMANT AND NON-DORMANT WEED SEED. D P Bush D W Staniforth

Weed Soc Amer Abstr 1966 MEETING:59 1966 241 W41

Abutilon theophrasti, Chemical control (weeds). Fumigants, Polygonum pensylvanicum, Seed dormancy, Seed germination, Setaria faberii, Setaria lutescens, Soil fumigation.

IMPORTANT WEEDS OF TURE AREAS IN NORTH CENTRAL STATES.

Weed Soc Amer Abstr 1966 MEETING:74,76-77 1966 241 W41

Chemical control (weeds), Grasses, Turf, Weeds

ENVIRONMENTAL CONTROL AT BOSTON-LOGAN INTERNATIONAL AIRPORT.

LM Cortell

Weed Soc Amer Abstr 1966 MEETING:92-93 1966 241 W41

Accident prevention, Aircraft, Amitrole, Ammonium thiocyanate, Aquatic weeds, Bird control, Chemical control (weeds), Dalapon, Dosage, En-vironment, Herbicides, Phragmites communis, Sodium arsenite, Spraying.

22564-68

EFFECTS OF HOEING-WEEDING-CUMMANURING ON THE YIELD OF RAINFED GROUNDNUT IN THE PUNJAB.

J L Dalal G S Gill J S Saini Indian J Agron 12(3):309-313

Sep 1967 22 IN235

Crop vields, Cultural control (weeds), Peanuts, Superphosphates.

22565-68

STUDIES OF THE GERMINATION, GROWTH AND DEVELOPMENT OF BARNYARDGRASS. C T Dickerson G H Bayer R D Sweet E M Rohn Weed Soc Amer Abstr 1966 MEETING:15-16 1966 241 W41

Echinochloa crusgalli, Light, Plant ecology, Plant physiology, Seed germination, Soil moisture, Temperature, Weeds.

22566-68

ORCHARD WEED CONTROL PROGRAMS FOR 1968.

C C Doll

Ill State Hort Soc Trans 101:78-80

1968 81 101.6

Chemical control (weeds), Fruit, Herbicides, Paraquat, Weed control.

22567-68

CLOBBER - POST-EMERGENCE WEED KILLER.

K P Dubrovin P W Gull

Weed Soc Amer Abstr 1966 MEETING:2

1966 241 W41

Chemical control (weeds), Corn, Cypromid, Hcrbicides, Spraying.

22568-68

ALTERATIONS IN MITOSIS INDUCED BY ISOMERS OF HEXACHLOROCYCLOHEXANE. II. THE DELTA ISOMER. THE POSSIBLE MECHANISM OF ACTION OF HEXACHLORO-CYCLOHEXANE. (SP)

M E Fcrnandez-Gomez G Gimenez-Martin J F Lopez-Saez

Genet Iber 19(3-4):123-142 REF

1967 443.8 G28

Benzene hexachloride, Mitosis, Onions, Plant mutation. English abstract

USE OF BIPYRIDYL AND TRIAZINE HERBI-CIDES IN RASPBERRIES.

J A Freeman

Weed Soc Amer Abstr 1966 MEETING:20-21 1966 241 W41

Chemical control (weeds), Chlorophylls, Crop losses. Herbicides, Paraquat, Raspberries. Simazine.

22570-68

PHRAGMITES CONTROL IN DELAWARE, 1965

J E Gallagher J H Steenis R Beck

Weed Soc Amer Abstr 1966 MEETING:94-95 1966 241 W41

Amitrole, Ammonium thiocyanate, Biological assay, Buckwheat, Chemical control (weeds), Dalapon, Fenac, Herbicide residues, Pesticide application, Phragmites, Seed germination, Soybeans.

22571-68

WILD BUCKWHEAT COMPETITION IN FLAX. R D Gruenhagen J D Nalenaja

Weed Soc Amer Abstr 1966 MEETING:56

1966 241 W41

Crop yields, Flax, Polygonum convolvulus, Sced planting, Weed control.

22572-68

CONTROL OF WEEDS IN MAIZE FIELDS--A REVIEW.

O P Gupta O P Gangwar Indian J Agron 12(1):70-76 REF

Mar 1967 22 IN235

Chemical control (weeds), Corn, Crop yields, Ethyl N,N-dipropylthiolearbamate, Simazine.

22573-68

THE THIN-LAYER EFFECT AND THE HER-BICIDAL ACTION OF 3,4-DICHLOROBENZYL METHYLCARBAMATE.

R A Herrett J A Kramer

Weed Soc Amer Abstr 1966 MEETING:51-52

1966 241 W41

Chemical control (weeds), Dichlorobenzyl mcthylcarbamate, 3,4-, Field crops, Herbicides, Rainfall, Seed germination, Soil adsorption, Soil profiles, Vegetables.

22574-68

RESULTS OF PRE-EMERGENT AQUATIC HERBICIDES IN ILLINOIS.

R C Hiltibran

Weed Soc Amer Abstr 1966 MEETING:100-101 1966 241 W41

Aquatic weeds, Atrazine, Biochemistry, Chara, Chemical control (weeds), Dichlorobenil, Fenac, Herbicides, Najas guadalupensis, Pesticide application, Ponds, Potamogeton pectinatus, Simazine.

22575-68

2-TRICHLOROMETHYLBENZOXAZOLE AS A HERBICIDE, PATENT 3,423,200.

G Holan

Us Patent Office Offic Gaz 858(3):907 21 Jan 1969 156.65 OF2

Chemistry, Herbicides, Patents, Trichloromethylbenzoxazole, 2-, Weed control.

THE WOODY PLANT NURSERY--A USEFUL TOOL FOR EVALUATION OF HERBICIDES.

R A Hursey H L Morton T O Flynt R E Meyer F S Davis R W Bovey

Weed Soc Amer Abstr 1966 MEETING:23 1966 241 W41

Aloysia lycioides, Brush control, Chemical control (weeds), Herbicides, Nurseries, Prosopis juliflora, Rosa bracteata, Tree control, Ulmus alata.

THE EFFECTS OF THREE FORMULATIONS OF BUTYRIC HERBICIDES ON NEWLY-SEEDED AND ESTABLISHED STANDS OF AL-FALFA.

R D Ilnicki

Weed Soc Amer Abstr 1966 MEETING:12-13 1966 241 W41

Alfalfa, Butyric acid, Chemical control (weeds), Esters, Herbicides.

22578-68

SEED DORMANCY OF FUMARIA FICINALIS. OF-

L S Jefferey J D Walewaja Weed Soc Amer Abstr 1966 MEETING:58

BIBLIOGRAPHY

22579-68

1966 241 W41

Fumaria officinalis, Gibberellic acid, Grain, Greenhouse culture, Plant physiology, Plant regulators. Seed dormancy. Seed germination, Weed control, Weeds

22579-68

EFFECT OF METHYL BROMIDE TREAT-MENTS ON SEVERAL SPECIES OF CONIFER SEED.

L Jones K Havel 66(11):858-860 Nov 1968

Fumigation, Longevity, Methyl bromide, Phytotoxicity, Picea abies, Picea glauca, Pinus sylvestris,

22580-68

HERBICIDAL COMPOSITION. PATENT 3,425,820.

K Kawai T Hisada N Ishimoto Us Patent Office Offic Gaz 859(1):226-227 04 Feb 1969 156.65 OF2 Chemistry, Herbicides, Patents, Weed control.

22581-68

ROOTING OF GRASSES AS AFFECTED BY SIDURON

H D Kerr D L Klingham

Weed Soc Amer Abstr 1966 MEETING:26 1966 241 W41

Chemical control (weeds), Grasses, Greenhouse culture, Herbicides, Pesticide application, Roots, Secd germination, Siduron.

22582-68

EFFECTS OF DIRECT CONTACT OF PINE SEEDS OR YOUNG SEEDLINGS WITH COM-MERCIAL FORMULATIONS, ACTIVE IN-GREDIENTS, OR INERT INGREDIENTS OF TRIAZINE HERBICIDES.

T T Kozlowski S Sasaki

Can J Plant Sci 48(1):1-7 REF

Jan 1968 450 C16

Atrazine, Herbicides, Phytotoxicity, Pinus resinosa, Propazine, Seed germination, Simazine.

CONTROL OF OROBANCHE UNDER NATU-RAL AND ARTIFICIALLY INFESTED CONDI-TIONS.

T Krishnamoorthi A S Krishnan Indian J Agron 12(3):277-282

Sep 1967 22 IN235

Cultural control (weeds), Irrigation, Orobanche, Tobacco.

22584-68

INCORPORATION OF HERBICIDES MULCHES.

F O Lanphear

Weed Soc Amer Abstr 1966 MEETING:19

1966 241 W41

Chemical control (weeds), Dichlobenil, Diphenamid, Herbicides, Mulches, Ornamental plants, Simazine.

22585-68

A NEW SMALL MULTIPLE TREE TECHNIQUE FOR ASSESSING THE EFFECTS OF HERBI-CIDES ON WOODY PLANTS.

S K Lehman F S Davis

Weed Soc Amer Abstr 1966 MEETING:23 1966-241-W41

Brush control, Chemical control (weeds), Herbicides, llex vomitoria, Ulmus alata.

22586-68

EVALUATION OF DIQUAT AS AN AQUATIC HERBICIDE APPLIED AT 2 GALLONS PER SURFACE ACRE, UNDER MINNESOTA CON-DITIONS.

J W Mackenzie G H Rogers

Weed Soc Amer Abstr 1966 MEETING:98-99 1966 241 W41

Aquatic weeds, Ceratophyllum demersum, Chemical control (weeds), Diquat, Dosage, Elodea canadensis, Herbicides, Lakes, Myriophyllum, Pesticide application, Ponds, Potamogeton.

22587-68

PARTHENIUM WEED IN MADHYA PRADESH.

J K Maheshwari

Cur Sei 37(11):326-327 05 Jun 1968 475 SC123

Parthenium, Zoogeography.

RECENT DEVELOPMENTS IN THE CONTROL OF WOODY WEEDS IN NEW ZEALAND.

G W Mason

Weed Soc Amer Abstr 1966 MEETING:25

1966 241 W41

Brush control, Chemical control (weeds), Cytisus, D, 2,4-, Herbicides, Picloram, Rosa, Rubus fruticosus, T, 2,4,5-, Ulex europaeus.

22589-68

CHEMICAL CONTROL ALHAGI CAMELORUM.

R L Mathur R K Vashistha

Indian J Agron 12(1):31-33

Mar 1967 22 IN235

Alhagi pseudalhagi, Chemical control (weeds), D, 2,4-, Grain, T, 2,4,5-

The chemical control of the weed of rapi fields, Alhagi camelorum, with 2,4-D and 2,4,5-T is discussed.

22590-68

AZAK - A NEW CRABGRASS HERBICIDE. J W Maxwell

Weed Soc Amer Abstr 1966 MEETING:74-75 1966 241 W41

Chemical control (weeds), Digitaria, Herbicides, Humans, Pets, Terbutol, Toxicology, Turf.

22591-68

ENVIRONMENTAL VARIABLES AND WEED CONTROL WITH PYRAZON IN SUGAR BEETS.

W F Meggitt

Weed Soc Amer Abstr 1966 MEETING:11 1966 241 W41

Biological assay, Chemical control (weeds), Dosage, Herbicide residues, Pyrazon, Soil con-tamination, Soil leaching, Soil organic matter, Sugar beets, Trichloroacetic acid.

22592-68

CONTROL OF WHITEBRUSH (ALOYSIA LYCIOIDES CHAM.) WITH PICLORAM.

R E Meyer

Weed Soc Amer Abstr 1966 MEETING:24 1966 241 W41

Aloysia lycioides, Brush control, Chemical control (weeds), Condalia obtusiffolia, Diospyros texana, Herbicides, Methyl-4-chlorophenoxyacctic acid, 2-, Opuntia leptocaulis, Picloram, Spraying.

INFLUENCE OF SOME AMINOTRIAZINE HERBICIDES ON SOME SOIL FUNGI. (IT)

M Mickovski O Verona

Agr Ital (N s 22)67(2,MAR-APR):67-76 Apr 1967 16 AG8259

Carbon, Fungus diseases (plants), Herbicides, Nitrogen, Soil fungi, Triazines. English summary.

INFLUENCE OF SOIL TYPE ON THE TOLERANCE OF SUGARCANE TO FENAC. R W Millhollon

Weed Soc Amer Abstr 1966 MEETING:12

1966 241 W41

Biological assay, Chemical control (weeds), Crop losses, Fenac, Herbicide residues, Soil series, Sugarcane.

22595-68

CHEMICAL WEED CONTROL IN POTATO (SOLANUM TUBEROSUM L.)--A REVIEW.

M K Moolani S K Agarwal Indian J Agron 12(3):231-235 REF Sep 1967 22 IN235

Chemical control (weeds), Crop yields, Cultural control (weeds), Potatoes.

22596-68

COMPOSITION AND METHOD FOR CON-TROLLING UNDESIRABLE PLANT GROWTH. PATENT 3,425,821.

L R Morris

Us Patent Office Offic Gaz 859(1):227

04 Feb 1969 156.65 OF2

Biochemistry, Herbicides, Patents, Plant physiology, Weed control.

22597-68

TECHNIQUE TO STUDY THE MOVEMENT OF CDAA FROM A GRANULE INTO SOIL.

J A Mullins W G Lovely C W Bockhop Weed Soc Amer Abstr 1966 MEETING:105 1966-241-W41

Chloro-N,N-diallylacetamide, 2-, Herbicides, Rainfall, Soil analysis, Wind.

AQUATIC HERBICIDE. PATENT 3,421,880.

D R Mussell T W Holmsen

Us Patent Office Offic Gaz 858(2).546

14 Jan 1969 156.65 OF2

Aquatic plants, Chemistry, Herbicides, Patents, Weed control.

HERBICIDE/SURFACTANT COMBINATIONS

22599-68

FOR CELERY SEEDBEDS. J D Orsenigo

Weed Soc Amer Abstr 1966 MEETING:19

1966 241 W41

Celery, Chemical control (weeds), Herbicides, Linuron, Prometryne, Surface-active agents.

SOME CHANGES IN WEED SPECIES IN RESPONSE TO CONTROL METHODS AND CHEMICALS IN HAWAII,

B J Rogers H Ooka

Weed Soc Amer Abstr 1966 MEETING.19

1966 241 W41

Atrazine, Chemical control (weeds), Dalapon, Diuron, Herbicides, Macadamia integrifolia, Simazine, Spraying, Weed control, Weeds.

22601-68

WEED CONTROL IN YOUNG PEACH ORCHARDS.

W J Saidak

Weed Soc Amer Abstr 1966 MEETING:20 1966 241 W41

Amitrole, Atrazine, Chemical control (weeds), Dichlobenil. Dimethyl-3-(alpha,alpha,alphatrifluoro-m-tolyl)urea, I.I., Diuron, Herbicides, Linuron, Paraquat, Peaches, Plant ecology, Plant physiology, Prometryne, Simazine.

22602-68

WEED CONTROL IN SEEDLING ALFALFA.

Wr Sallee

Calif Agr 21(4):14-16 Apr 1967 100 C12CAG

Alfalfa, Benefin, Chemical control (weeds), Herbicides, Seedlings, Weeds.

22603-68

ADAPTING CHEMICAL WEED CONTROL PROGRAMS TO MEET ORCHARD CONDI-TIONS.

D A Schallock W V Welker

Weed Soc Amer Abstr 1966 MEETING:14-15 1966 241 W41

Chemical control (weeds), Grasses, Herbicide residues, Herbicides, Orchards, Peaches, Soil contamination, Weeds.

2.2604-68

CONTROL OF SUBNIEEDS IN RICE FIELDS. SUBMERGED AQUATIC

D E Seaman

Weed Soc Amer Abstr 1966 MEETING:99

1966 241 W41

Aquatic weeds, Chara, Chemical control (weeds), Herbicides, Najas guadalupensis, Potamogeton nodosus, Rice.

BIOASSAY EVALUATION OF DEPTH DISTRIBUTION OF INCORPORATED SOYBEAN PREEMERGENCE HERBICIDES.

J W Shriver L V Sherwood

Weed Soc Amer Abstr 1966 MEETING:1

1966 241 W41

Amiben, Biological assay, Chemical control (weeds), Herbicides, Linuron, Pesticide application, Soil sampling, Soybeans, Trifluralin.

EFFECT OF 2,4-D ON CROP WEED COMPETI-TION IN WHEAT.

H G Singh

Indian J Agron 12(1):25-30

Mar 1967 22 IN235

Chemical control (weeds), D, 2,4-, Irrigation, Weeds, Wheat,

22607-68

CONTROL OF NUTGRASS WEED BY CUL-TIVATION.

T D Sinha C Thakur

Indian J Agron 12(2):121-125

Jun 1967 22 IN 235

Cultural control (weeds), Cyperus rotundus, Tillage.

22608-68

EURASIAN WATERMILFOIL (MYRIOPHYL-LUM SPICATUM L.) IN THE TENNESEE VAL-LEY.

G E Smith T F Hall R A Stanley

Weed Soc Amer Abstr 1966 MEETING:93

1966 241 W41

Aquatic weeds, Chemical control (weeds), D, 2,4-, Myriophyllum spicatum.

22609-68

WEEDS AND WEED CONTROL. RAGWORT, SENECIO JACOBAEA, DECLARED NOXIOUS WEED

Tasmanian J Agr 38(2):157-159

May 1967 23 T182T

Integrated control (weeds), Senecio jacobaea, Weeds.

Ragwort, Senecia jacobaea, a Tasmanian plant poisonous to cattle is described for field identification. Control measures are also suggested.

USE OF HORMONE WEEDKILLERS NEAR VINEYARDS.

F B Thompson

New Zeal J Agr 117(6):93,95

Dec 1968 23 N48J

Chemical control (weeds), Grapes, Hormones, Legislation, Toxicology, Weed control.

The author discusses the regulations concerning the use of hormonal herbicides near vineyards in New Zealand.

22611-68

WEEDS WORTH WATCHING... THE SOUR-SOBS.

A F Tideman

S Australia J Agr 70(3):102-105 MAP

Oct 1966 23 SO84

Chemical control (weeds), Oxalidaceae, Plant geography, Plant morphology, Weeds.

22612-68

PROCESSING PEA RESPONSES TO MCPB AP-PLICATIONS AT DIFFERENT GROWTH

H J Vostral K P Buchholtz

Weed Soc Amer Abstr 1966 MEETING:17

1966 241 W41

Chemical control (weeds), Crop yields, Herhicides, Methyl-4-chlorophenox) butyric acid, 4-(2-, Peas, Plant morphology, Plant physiology.

22613-68

INVESTIGATIONS WITH **PARAQUAT** (GRAMOXONE) AS A HERBICIDE FOR WEED CONTROL IN LOW-GROWN TEA.

U P de S Waidyanatha

Ceylon Tea Res Inst Tea Quart 39(PT 1-2,MAR-JUN):11-18

Jun 1968 68 18 C33

Chemical control (weeds), Herhicides, Paraquat, Tea. Weed control.

HERBICIDE COMBINATIONS.

J L Williams

Weed Soc Amer Abstr 1966 MEETING:83-84 1966 241 W41

Amihen, Atrazine, Chemical control (weeds), Chloro-N-isopropylacetanilide, 2-, Chloro-N,N-di-allylacetamide, 2-, Crops, Herbicides, Isopropyl N-(3-chlorophenyl)carbamate, Naphthylphthalamic acid, N-1-, Onions, Soil contamination, Soil series.

22615-68

AQUATIC VEGETATION CONTROL IN LOUI-SIANA.

W E Wunderlich

Weed Soc Amer Abstr 1966 MEETING:93-94 1966 241 W41

Aconitic acid, Alternanthera philoxeroides, Aquatic weeds, Arsenic, Chemical control (weeds), D, 2,4-, Diglycolic acid, Eichhornia crassipes, Plant translocation, Waterways.

OTHER PESTS

22616-68

HOW SERIOUS IS RABBIT DAMAGE ON LOBLOLLY PINE SEEDLINGS.

E V Hunt

66(11):853

Nov 1968

Longevity, Pinus taeda, Plant injuries, Rabbits, Seedlings.

22617.68

SAPSUCKER DAMAGE TO PONDEROSA PINE. W W Oliver

66(11):842-844

Nov 1968

Bird pests, Feeding, Pinus ponderosa.

LIVESTOCK PROTECTION

22618-68

EFFECTS AND POSSIBILITIES OF USING COUMARIN PREPARATIONS IN RODENT CONTROL. (GE)

K Becker

Prakt Schadlingsbekampfer 20(6):84-87 Jun 1968 421 P882

Biochemistry, Chemical control (pests), Coumarin, Pest control, Pharmacology, Rodents.

THE EFFECT OF DDT ON REPRODUCTION IN

M S Cannon L C Holcomb

Ohio J Sci 68(1):19-24 REF

Jan 1968 410 OH3

Animal histology, Biochemistry, Diet, DDT, Insecticides, Mice, Reproduction, Research.

EFFECTS OF PROGESTERONE TREATMENTS ON DELAYED IMPLANTATION IN MINK.

L C Holcomh

Ohio J Sci 67(1):24-31 REF

Jan 1967 410 OH3

Animal physiology, Breeding, Drug therapy, Injections, Minks, Pregnancy, Progesterone, Reproduction.

22621-68

G AND S SAMPLING **EXTRACTING** TECHNIQUE SOIL MICRO-ARTHROPODS.

K Kikuzawa P Saichuae K Niijima M Tanaka J

Jap J Ecol 17(1):20-28 REF

Feb 1967 410 J272

Animals, Arthropoda, Equipment, Extracts, Methodology, Research, Soil microorganisms.

DEFINITION OF TERMS IN LARGE SCALE RAT CONTROL. (GE)

E Kirchherg

Prakt Schadlingsbekampfer 20(6):87-91

Jun 1968 421 P882

Infectious diseases, Pest control, Rats

DISEASES

22623-68

REV. I BRUCELLA MELITENSIS VACCINE. THE STABILITY OF THE DEGREE OF AT-TENUATION.

G G Alton S S Elberg D Crouch

J Comp Pathol 77(3):293-300

Jul 1967 41.8 J82

Brucella melitensis, Goats, Sheep, Vaccines, Virus diseases (animals).

22624-68

REV. I BRUCELLA MELITENSIS VACCINE. SEROLOGICAL REACTIONS IN MALTESE GOATS.

G G Alton

J Comp Pathol 77(3):327-329

Jul 1967 41.8 J82

Brucella melitensis, Goats, Serological tests, Vaccines, Virus diseases (animals).

PREPARATION AND CHARACTERIZATION OF A SOLUBLE ANAPLASMA MARGINALE ANTIGEN.

T E Amerault T O Roby

Amer J Vet Res 28(125):1067-1072

Jul 1967 41.8 AM3A

Anaplasma, Antigens, Cattle, Erythrocytes, Serodiagnosis.

22626-68

ISOLATION AND EXPERIMENTAL INFEC-TION OF CALVES WITH PARAINFLUENZA-3 VIRUS.

F A Ata K V Singh

J Vet Sci U A R 4(1):1-10 REF

1967 S0F604.0J6

Hemagglutination-inhihition test Livestock diseases, Parainfluenza-3 virus, Serum neutralization test.

THE RELATION BETWEEN THE LIVER RESERVES OF VITAMIN A AND SOME INTESTINAL PARASITES IN DOKKI 4 CHICKS. (A). IN CHICKS AFFECTED WITH CECAL CÓCCIDIOSIS.

A A Bassiouni 1 A El-Hatw M A El-Ezz

J Vet Sci U A R 4(1):35-42 REF

1967 S0F604.0J6

Chickens, Coccidiosis vaccines, Liver, Metabolism, Sanitation, Vitamin a.

22628-68

PRIMARY LESIONS IN CARDIAC GANGLIA OF THE PIG AFTER HERPESVIRUS SUIS IN-FECTION.

C H Becker V Bergmann

Amer J Vet Res 29(3):745-748 REF

Mar 1968 41.8 AM3A

Heart, Herpesviruses, Histology, Nerves, Swine.

FURTHER DEVELOPMENT OF THE SECOND GENERATION OF EIMERIA TENELLA MEROZOITES IN TISSUE CULTURES. P Bedrnik

Folia Parasitol 14(4):361-363

Nov 1967 436.8 C33

Cytology, Eimeria tenella, Tissue culture.

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22630-68

22630-68

PANTOTHENIC ACID METABOLISM DURING AVIAN MALARIA INFECTION: PANTOTHENATE KINASE ACTIVITY IN DUCK ERYTHROCYTES AND IN PLASMODIUM LOPHURAE.

T P Bennett W Trager J Protozool 14(2):214-216 May 1967 439.8 J82

Animal diseases, Avian malaria, Ducks, Erythrocytes, Kinases, Metabolism, Pantothenate, Pantothenic acid, Plasmodium.

22631-68

ANTIGENIC VARIATION IN VIBRIO RESULTING CHOLERAE **FROM** CHROMOSOMAL TRANSFER BY CONJUGA-TION.

K Bhaskaran V B Sinha S S Iyer Cur Sci 37(17):488-489 05 Sep 1968 475 SC123

Antigens, Chromosomes, Heterogenesis, Serodiagnosis, Vibrio.

22632-68

STUDIES OF PNEUMOENTERITIS IN CATTLE. (SP)

A Blanco Loizelier

Spain Patronato Biol Anim Rev 10(3):5-35, REF Nov 1966 49.9 SP16

Cattle, Scours, Virus diseases (animals). Various viruses were involved, english and French summa-

22633-68

FOOT-AND-MOUTH DISEASE.

J B Brooksby

Pesticides 1(7):38,41,55 Mar 1968 S0B951.0P43

Cattle, Foot-and-mouth disease, Livestock diseases, Sheep.

22634-68

COMPARATIVE POTENCY TESTS ON COMPARATIVE POTENCY TESTS ON MODIFIED LIVE-VIRUS RABIES VACCINE PRODUCED FROM FLURY HIGH EGG-PASSAGE VIRUS GROWN ON PERMANENT DOG KIDNEY CELL LINE.

A L Brown E V Davis D L Merry W H Beckenhauer

Amer J Vet Res 28(124):751-759 REF

May 1967 41.8 AM3A

Dogs, Laboratory animals, Rabies virus, Tissue culture, Viral vaccines.

22635-68

CYTOPATHOLOGIC CHANGES AND DEVELOPMENT OF INCLUSION BODIES IN CULTURED CELLS INFECTED WITH BLUETONGUE VIRUS.

J G Browne M M Jochim

Amer J Vet Res 28(125):1091-1105 REF

Jul 1967 41.8 AM3A

Bluetongue virus, Cytology, Electron microscopy, Fluorescent antibody technic, Inclusion bodies, Tissue culture.

22636-68

PHALARIS STAGGERS NEED NOT BE A BOGEY.

P W Brownrigg

S Australia J Agr 70(5):154-158

Dec 1966 23 SO84

Cattle, Central nervous system, Cobalt, Diagnosis, Livestock diseases, Phalaris tuberosa, Poisonous plants, Sheep.

The symptoms and control methods for the central nervous system disease caused by Phalaris tuberosa in Australian livestock are discussed. Cobalt therapeutic techniques are given.

BESNOITIOSIS AND OTHER SKIN DISEASES OF CATTLE (BOS INDICUS) IN UGANDA.

O Bwangamoi

Amer J Vet Res 29(3):737-743 REF Mar 1968 41.8 AM3A

Africa, Cattle, Globidiosis, Histology, Skin diseases, Surveys.

22638-68

TISSUE CULTURE HOG CHOLERA VACCINE. PATENT 3,422,188.

V. I. Cabasso

Us Patent Office Offic Gaz 858(2):602

14 Jan 1969 156.65 OF2

Hog cholera, Hog cholera vaccines, Patents, Swine, Tissue culture, Virus discases (animals).

EVIDENCE FOR A METHIONINE-CONTROLLED HOMOSERINE DEHYDROGENASE IN SALMONELLA TYPHIMURIUM.

R L Cafferata M Freundlich J Bacteriol 97(1):193-198 REF

Jan 1969 448.3 J82

Biosynthesis, Chromatography, Dehydrogenases, Methionine, Salmonella typhimurium.

INFLUENCE OF LITTER SIZE, AGE, VARIA-TION, AND SELECTIVE BREEDING OF MICE ON SUSCEPTIBILITY TO FOOT-AND-MOUTH DISEASE VIRUS.

C H Campbell

Amer J Vet Res 29(3):685-691

Mar 1968 41.8 AM3A

Animal breeding, Foot-and-mouth disease virus, Genetics, Immunity, Mice.

22641-68

BOVINE VIRUS DIARRHEA IN ITALY. I. ISOLATION AND CHARACTERIZATION OF THE VIRUS.

G Castrucci V Cilli G Gagliardi

Arch Gesamte Virusforsch 24(1-2):48-64 REF Jun 1968 448.3 AR23

Bovine virus diarrhea virus, Cattle, Poxviruses, Virus diseases (animals).

22642-68

THE DYNAMICS OF ANTIBODY AGAINST EIMERIA TENELLA UNDER THE FLUORESCENT MICROSCOPE.

Z Cerna

Folia Parasitol 14(1):13-18

Feb 1967 436.8 C33

Antigens, Chickens, Eimeria tenella, Fluorescent antibody technic.

22643-68

ULTRASTRUCTURAL OBSERVATIONS ON NEURONS OF THE SYMPATHETIC GANGLIA IN GRASS SICKNESS.

R L Chandler A Brownlee

J Comp Pathol 77(3):339-342 REF

Jul 1967 41.8 J82

Anatomy, Electron microscopes, Grass sickness, Horses, Neurology, Virus diseases (animals).

22644-68

SPECIFICITY OF THE ANAMNESTIC RESPONSE PRODUCED BY LISTERIA MONOCYTOGENES OR MYCOBACTERIUM TUBERCULOSIS TO CHALLENGE WITH LISTERIA MONOCYTOGENES.

S Coppel G P Youmans
J Bacteriol 97(1):127-133 REF

Jan 1969 448.3 J82

Anamnestic reaction, Immunity, Listeria monocytogenes, Mice, Mycobacterium tuberculosis.

22645-68

SPECIFICITY OF ACQUIRED RESISTANCE PRODUCED BY IMMUNIZATION WITH LISTERIA MONOCYTOGENES AND LISTERIA FRACTIONS.

S Coppel G P Youmans

J Bacteriol 97(1):121-126 REF

Jan 1969 448.3 J82

Immunity, Listeria monocytogenes, Mice.

RABIES VACCINE AND PROCESS FOR PREPARATION THEREOF. PATENT 3,423,505. J F Crawley M K Abelseth

Us Patent Office Offic Gaz 858(3):962

21 Jan 1969 156.65 OF2

Chemistry, Patents, Rabies, Vaccines, Virus diseases (animals).

22647-68

PHARMACOLOGIC PROPERTIES SLOBBER-INDUCING MYCOTOXIN RHIZOCTONIA LEGUMINICOLA, MYCOTOXIN FROM

M H Crump E B Smalley R E Nichols D P Rainey

Amer J Vet Res 28(124):865-874

May 1967 41.8 AM3A

Birds, Mammals, Mycotoxicosis, Pharmacology, Rhizoctonia, Saliva.

22648-68

STUDIES ON THE SITE OF REPLICATION OF VESICULAR STOMATITIS VIRUS.

T S David-West N A Labzoffsky

Arch Gesamte Virusforsch 24(1-2):30-47 REF Jun 1968 448.3 AR23

Arboviruses, Cytoplasm, Electron microscopy, Immunochemistry, Reproduction, Synthesis, Tissue culture, Vesicular stomatitis virus.

EFFECTS OF WASHING WITH SALINE SOLU-TION AND NORMAL BOVINE PLASMA ON THE INFECTIVITY OF ANAPLASMA MARGINALE IN ERYTHROCYTES.

H E Davis G T Dimopoullos Amer J Vet Res 29(3):763-764

Mar 1968 41.8 AM3A

Anaplasma marginale, Biochemistry, Cattle, Erythrocytes, Salts, Water.

SCHIZOGONY AND GAMETOGONY OF LEU-COCYTOZOON SIMONDI AND ASSOCIATED REACTIONS IN THE AVIAN HOST.

S S Desser

J Protozool 14(2):244-254 REF

May 1967 439.8 J82

Animal diseases, Ducks, Leucocytozoon disease, Leucocytozoon simondi, Parasitism, Protozoa.

22651-68

PATHOGENESIS OF THREE STRAINS OF BRUCELLA SUIS IN SWINE.

B L Devoe

Amer J Vet Res 28(125):951-957 REF

Jul 1967 41.8 AM3A

Bacterial diseases (animals), Bacteriology, Brucella suis, Serological tests, Swine.

22652-68

EFFECTS OF CHRONIC RESIDENCE ON SIZE AND SIZE DISTRIBUTION OF PLAQUES OF TYPE A FOOT-AND-MOUTH DISEASE VIRUS IN PRIMARY CALF KIDNEY CELL CUL-TURES.

E Dougherty H R Seibold R E Patty Amer J Vet Res 29(3):693-701 REF

Mar 1968 41.8 AM3A Foot-and-mouth disease virus, Immunity, Tissue culture.

STIMULATION OF LEPTOSPIRAL GROWTH BY GLUCOSE.

H C Ellinghausen

Amer J Vet Res 29(1):191-199 REF

Jan 1968 41.8 AM3A

Glucose, Leptospira pomona, Metabolism. Physiology, Proteins.

FLUORESCENT ANTIBODY TECHNIQUE AS A DIAGNOSTIC TEST FOR CANINE DISTEMPER INFECTION: DETECTION OF VIRAL AN-TIGEN IN EPITHELIAL TISSUES OF EXPERIMENTALLY INFECTED DOGS.

G A Fairchild M Wyman E F Donovan Amer J Vet Res 287124):761-768 REF

May 1967 41.8 AM3A

Antigens, Canine distemper virus, Diagnosis, Dogs, Fluorescent antibody technic.

RESULTS OF CONTINUOUS LOW-LEVEL IN-OCULATIONS WITH EIMERIA BOVIS IN CALVES.

P R Fitzgerald

Amer J Vet Res 28(124):659-665 REF

May 1967 41.8 AM3A

Cattle, Coccidiosis, Eimeria, Immunization, Injec-

22656-68

DIRECT ASSAY FOR BLUETONGUE VIRUS BY INTRAVASCULAR INOCULATION OF EMBRYONATING CHICKEN EGGS.

N M Foster A J Luedke

Amer J Vet Res 29(3):749-753 REF

Mar 1968 41.8 AM3A

Biological assay, Bluetongue virus, Chickens, Eggs, Methodology.

22657-68

SURVIVAL OF FOOT-AND-MOUTH DISEASE VIRUS IN BOVINE HIDES.

P Gailiunas G E Cottral

Amer J Vet Res 28(125):1047-1053 REF Inl 1967 41 8 AM3A

Cattle, Epizootic diseases, Foot-and-mouth disease virus, Hides, Longevity.

HISTOCHEMICAL AND ELECTRON MICRO-SCOPIC STUDIES OF DOG KIDNEY CELLS IN THE EARLY STAGES OF INFECTION WITH INFECTIOUS CANINE HEPATITIS VIRUS.

S P Garg J E Moulton K K Sekhri Amer J Vet Res 28(124):725-730 REF

May 1967 41.8 AM3A

Dogs, Electron microscopy, Histochemistry, Infectious canine hepatitis virus, Tissue culture.

22659-68

ACUTE AND CHRONIC ERYSIPELOTHRIX RHUSIOPATHIAE INFECTION IN RATS.

H D Geissinger

Zentralbl Vet (SER B)15(3):392-405 REF

Apr 1968 41.8 Z52

Animal diseases, Bacteria, Blood, Erysipelothrix insidiosa, Heart, Rats, Research, German, French, and Spanish summary.

FRACTIONATION AND CHARACTERIZATION OF THE PLASMA AND MESOSOME MEMBRANE OF LISTERIA MONOCYTOGENES.

B K Ghosh R G E Murray

J Bacteriol 97(1):426-440 REF

Jan 1969 448.3 J82

Biochemistry, Cytology, Listeria monocytogenes, Plasma membrane.

SEROLOGICAL RESPONSE OF PIGS TO IN-SEROLOGICAL RESPONSE OF FIGS TO INFECTION WITH MYCOPLASMA. DEMONSTRATION OF GROWTH AND METABOLISM-INHIBITING ANTIBODIES IN SERA OF PIGS INOCULATED INTRANASALLY WITH MYCOPLASMA HYORHINIS. II.

M Gois

Zentralbl Vet (SER B)15(3):382-391 REF

Apr 1968 41.8 Z52

Animal diseases, Antibodies, Hydrogen-ion concentration, Injections, Metabolism, Mycoplasma hyorhinis, Rabbits, Research, Serological tests, Swine, German, French, and Spanish summary.

22662-68

IMMUNIZATION OF HORSES AGAINST AFRICAN HORSE-SICKNESS WITH ATTENU-ATED NEUROTROPIC VIRAL STRAINS PROPAGATED IN CHICKEN EMBRYOS. L Goldsmit

Amer J Vet Res 29(1):133-141 REF

Jan 1968 41.8 AM3A

African horse sickness, Horses, Immunization, Neurotropic viruses, Serological tests, Viral vac-

22663-68

EXPERIMENTAL TRANSMISSION OF BOVINE MYCOPLASMA IN CALVES AND TURKEYS.

A H Hamdy A L Trapp

Amer J Vet Res 28(125):1013-1018 REF Jul 1967 41.8 AM3A

Cattle, Epizootic diseases, Histochemistry, Mycoplasma, Respiratory discases, Turkeys.

COMPARISON OF THE RESISTANCE OF DIF-FERENT-AGED PHEASANTS TO EASTERN EN-CEPHALITIS VIRUS FROM DIFFERENT CEPHALITIS SOURCES.

R P Hanson S Vdlamudi D O Trainer R Anslow Amer J Vet Res 29(3):723-727

Mar 1968 41.8 AM3A

Avian encephalomyelitis, Epizootic diseases, Immunity. Pheasants.

22665-68

ON IMMUNOPRECIPITATION IN SWINE PLAGUE. (GE)

H Hantschel

Riems Isl Friedrich-loeffler Inst Arb 1131-1145 REF

53055541.9 R44

Immunity, Livestock diseases, Swine, Swine plague. Russian and English summaries reprint: Archive for Experimental Veterinary Medicine vol. 20 no.5, 1967

22666-68

EXPERIMENTAL PASTEURELLOSIS: COM-PARATIVE STUDIES ON PASTEURELLA MUL-TOCIDA FROM ASIA, AFRICA, AND NORTH AMERICA.

K L Heddleston K R Rhoades P A Rebers Amer J Vet Res 28(125):1003-1012 REF Jul 1967 41.8 AM3A

Biochemistry, Cattle, Epizootic diseases, Laboratory animals, Pasteurella multocida, Serological tests.

HEMAGGLUTININE OF THE ADENOVIRUS 31. (FR)

M Henry R Sohier M F A Du Chatelet Acad Sci Compt Rend Ser D Sci Nat 267(22, 2ND SEMESTER):1903-1904 25 Nov 1968 505 P21

Adenoviruses, Hemagglutination, Serological tests.

SOME PROPERTIES OF THE VIRUS OF DUCK PLAGUE.

W R Hess A H Dardiri

Arch Gesamte Virusforsch 24(1-2):148-153

Jun 1968 448.3 AR23

Biochemistry, Biophysics, Ducks, Enteritis, Fowl plague, Virus diseases (animals).

EFFECT OF ANTIBIOTIC THERAPY ON EXPERIMENTAL LEPTOSPIROSIS INFECTION AND DEVELOPMENT OF ACQUIRED RE-SISTANCE IN GUINEA PIGS.

W T Hubbert J N Miller

Amer J Vet Res 28(124):861-864 REF

May 1967 41.8 AM3A

Drug therapy, Guinea pigs, Immunity, Leptospira icterohaemorrhagiae, Leptospirosis, Penicillin, Streptomycin.

22670-68

ATTEMPTS TO RELEASE THE SCRAPIE AGENT FROM TISSUE DEBRIS.

G D Hunter G C Millson

J Comp Pathol 77(3):301-307 REF Jul 1967 41.8 J82

Scrapie, Tissues, Virus diseases (animals).

22671-68

ENCEPHALITIS IN HORSES IN HILL-SBOROUGH COUNTY, FLORIDA, 1964.

W L Jennings R A Kathein A L Lewis J O Bond Amer J Vet Res 28(125):965-970 REF Jul 1967 41.8 AM3A

Diagnosis, Epizootic diseases, Equine encephalomyelitis, Immunization, Serological tests

MANUFACTURE OF LIVE CANINE HEPATITIS VACCINE. (CZ)

E Jiran G Petr B Juracka

Czech Min Zemed Les Hospod Ustav Vedeckotech Inform Vet Med 13(4):225-232 REF Apr 1968 41.9 C333

Antibodies, Canine distemper, Canine hepatitis vaccines, Freeze drying, Immunization, Vaccines, Virus diseases (animals). English, Russian, and

ANAPLASMA MARGINALE INFECTION IN YOUNG AND AGED CATTLE.

E W Jones I O Kliewer B B Norman W E Brock Amer J Vet Res 29(3):535-544 REF Mar 1968 41.8 AM3A

Anaplasma, Cattle, Diagnosis, Serological tests.

CRITICAL CONSIDERATIONS ON THE DIAG-NOSTIC USEFULNESS OF THE END METHOD FOR THE IN VITRO DETECTION OF THE HOG CHOLERA. (GE

O R Kaaden E Wittmann

Riems 1sl Friedrich-loeffler Inst Arb 1199-1208 REF

1967 41.9 R44

Diagnosis, Exaltation of Newcastle disease virus test, Hog cholera, Livestock diseases, Swine. Russian and English summaries reprint: Archive for Experimental Veterinary Medicine vol. 21 no.5.

22675-68

EFFECTS OF **ESTROGENS** ANAPLASMA MARGINALE INFECTION IN SPLENECTOMIZED CATTLE.

G Klaus E W Jones I O Kliener

Amer J Vet Res 28(125):1033-1036 REF Jul 1967 41.8 AM3A

Anaplasma, Cattle, Drug therapy, Estrogens, Injections, Spleen.

22676-68

COMPARATIVE FLUORESCENCE-IMMU-NOLOGICAL AND CYTOPATHOLOGICAL STUDIES WITH VARIOUS VIRUS STRAINS OF THE MUCOSAL DISEASE OF CATTLE. (GE)

R Kokles D Urbaneck H Liebermann A-f Olechnowitz

Riems 1sl Friedrich-loeffler Inst Arb 1295-1304 RFF

1967 41.9 R44

Cattle, Cytology, Fluorescence, Immunology, Mucosal disease, Research, Virus diseases (animals). Russian and English summaries reprint: Archive for Experimental Veterinary Medicine vol. 21 no.5,

22677-68

UTERINE INFECTION IN BOVINE PARATU-BERCULOSIS.

K E Kopecky A B Larsen R S Merkal Amer J Vet Res 28(125):1043-1045 REF Jul 1967 41.8 AM3A

Bacterial diseases (animals), Cattle, Mycobacterium paratuberculosis, Uterus.

A CASE OF EPERYTHROZOONOSIS SUIS AND ITS DIFFERENTIAL DIAGNOSTIC SIGNIFICANCE IN RELATION TO SUSPECTED SWINE FEVER. (GE

G Korn M Mussgay

Zentralbl Vet (SER B)15(6):617-630 REF Aug 1968 41.8 Z52

Blood analysis, Diagnosis, Eperythrozoon suis, Eperythrozoonosis, Hog cholera, Livestock dis-eases, Serological tests, Swine, Temperature. English, French, and Spanish summary

THE FLUORESCENT STAINING COMPLEMENT FOR THE SERODIAGNOSIS OF TOX-OPLASMOSIS.

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1 Kramar

Folia Parasitol 14(1).5-12 REF

Feb 1967 436.8 C33

Fluorescent antibody technic, Methodology, Serodiagnosis, Toxoplasmosis.

22680-68

EFFECT OF DIFFERENT SPECIES TRICHOMONADS ON MONKEY KIDNEY CELL CULTURES.

Folia Parasitol 14(4),295-310 REF

Nov 1967 436.8 C33

Biochemistry, Monkeys, culture. Trichomonas.

STUDIES ON STAPHYLOCOCCOSIS IN CHICKENS. II. PATHOGENICITY OF STAPHYLOCOCCUS AUREUS OF CHICKEN ORIGIN FOR VARIOUS EXPERIMENTAL ANIMALS.

S Kuramasu Y Imamura Y Tajima Zentralbl Vet (SER B)15(6):640-648

Aug 1968 41.8 Z52

Chick embryos, Chickens, Injections, Laboratory animals, Poultry diseases, Research, Staphylococcus aureus, Xylene. German, French, and Spanish summary

22682-68

COMMENTS ON SOME MECHANISMS OF AN-TIBODY PRODUCTION IN BOVINE LEP-TOSPIROSIS, (FR.)

S Levin VI Topciu N Gluhovski

Arch Gesamte Virusforsch 26(2):411-418 REF Jun 1967 448.3 AR22

Antibodies, Cattle, Epizootic diseases, Leptospira pomona. Russian, German, and English abstracts

ISOLATION AND IDENTIFICATION OF A FURTHER NEW BOVINE HERPES VIRUS. (GE

H Liebermann P Schulze R Kokles H Hantschel Riems Isl Friedrich-loeffler Inst Arb 761-776 REF 1967 41.9 R44

Cattle, Diagnosis, Herpesvíruses, Virus diseases (animals). Russian and English summaries reprint: Archive for Experimental Veterinary Medicine vol. 21 no.3, 1967

22684-68

PSEUDOCOWPOX IN GERMANY. (GE)

H Liebermann P Schulze H Liebermann Riems Isl Friedrich-loeffler Inst Arb 1419-1433 REF

1967 41.9 R44

Cattle, Pseudocowpox, Virus diseases (animals). Russian and English summaries reprint: Archive for Experimental Veterinary Medicine vol. 21 no.6, 1967

22685-68

THE INFECTION SPECTRUM OF THE STO-MATITIS PAPULOSA VIRUS. (GE

H Liehermann

Riems Isl Friedrich-loeffler Inst Arb 1337-1352 RFF

1967 41.9 R44

Bovine papular stomatitis virus, Calves, Livestock, Virus diseases (animals). Russian and English summaries reprint: Archive for Experimental Veterinary Medicine vol. 21 no.6, 1967

22686-68

DIFFERENTIAL DIAGNOSIS OF BOVINE STO-MATITIS OF VIRAL ORIGIN. (GE

H Liebermann

Riems Isl Friedrich-loeffler Inst Arb 1399-1418

1967 41.9 R44

Cattle, Diagnosis, Stomatitis, Virus diseases (animals). Russian and English summaries reprint: Archive for Experimental Veterinary Medicine vol. 21 no.6, 1967

22687-68

THE SITUATION OF THE AFRICAN SWINE FEVER VIRUS IN VIRAL SYSTEMATICS, (FR) A Lucas R Carnero

Acad Sci Compt Rend Ser D Sci Nat 266(17, 1ST SEMESTER):1800-1801 REF

22 Apr 1968 505 P21

African swine fever, Biochemistry, Morphology, Physiology, Taxonomy, Viruses.

22688-68

ISOLATION AND CHARACTERIZATION OF BOVINE ENTERIC VIRUSES,

M J Van Der Maaten R A Packer Amer J Vet Res 28(124):677-684 REF May 1967 41.8 AM3A

Abortion, Bovine enteroviruses, Cattle, Serological

22680-68

EQUINE PIROPLASMOSIS: INDIRECT FLOU-RESCENT ANTIBODY TEST FOR BABESIA CABALLI.

P A Madden A A Holbrook

Amer J Vet Res 29(1):117-123 REF

Jan 1968 41.8 AM3A

Antibodies, Diagnosis, Fluorescent antibody technic, Horses, Piroplasmosis, Serological tests.

22690-68

PIGWEED (AMARANTHUS RETROFLEXUS): AN OXALATE-CONTAINING PLANT.

V L Marshall W B Buck G L Bell Amer J Vet Res 28(124):888-889 May 1967 41.8 AM3A

Amaranthaceae, Oxalates, Poisonous plants, Swine, Toxicology.

22691-68

REPLICATION OF INFECTIOUS LARYN-GOTRACHEITIS VIRUS IN CHICKEN KIDNEY CELL CULTURE.

V M Mayer F M Hetrick W D Keenum H M **DeVolt**

Amer J Vet Res 28(124):825-832 REF May 1967 41.8 AM3A

Chickens, Deoxyribonucleic acid, Infectious laryngotracheitis virus, Synthesis, Tissue culture.

STUDIES ON THE DEVELOPMENT OF A LIVE VACCINE AGAINST EQUINE RHINOPNEU-MONITIS (ABORTION OF MARES). (GE)

R Mayr J Pette K Petzold K Wagener Zentralbl Vet (SER B)15(3):406-418 REF

Apr 1968 41.8 Z52

Antihodies, Equine rhinopneumonitis, Hamsters, Horses, Immunity, Immunization, Research, Swine, Vaccines, Virus discases (animals). English, French, and Spanish summary.

ISOLATION AND IDENTIFICATION OF CLOS-TRIDIUM HEMOLYTICUM IN CATTLE IN

C S McCain

Amer J Vet Res 28(124):878-880 REF

May 1967 41.8 AM3A

Cattle, Clostridium hemolyticum, Diagnosis, Epizootic diseases, Fluorescent antibody technic, Hemoglobinemia, Zoogeography.

EFFICACY OF NAPHTHALOPHOS AND COU-MAPHOS AGAINST NEMATODES OF GOATS. L R McDougald R G White M F Hansen

Amer J Vet Res 29(5):1077-1079

May 1968 41.8 AM3A

Anthelmintics, Coumaphos, Goats. Naphthalophos, Nematodes.

22695-68

EXPERIMENTALLY INDUCED BOVINE PSOROPTIC ACARIASIS IN A RABBIT.

W P Meleney Amer J Vet Res 28(124):892-894 May 1967 41.8 AM3A

Acartasis, Cattle, Psoroptes ovis, Rabbits, Sheep.

22696-68

EXPERIMENTAL PARATUBERCULOSIS IN SHEEP AFTER ORAL, INTRATRACHEAL, OR INTRAVENOUS INOCULATION HISTOCHEMICAL LOCALIZATION HYDROLASE ACTIVITIES.

R S Merkal J P Kluge W S Monlux A B Larsen K E Kopecky L Y Quinn R P Lehmann

Amer J Vet Res 29(5):985-994

May 1968 41.8 AM3A

Histochemistry, Hydrolases, Injections, Mycobacterium paratuberculosis, Sheep.

EXPERIMENTAL PARATUBERCULOSIS IN SHEEP AFTER ORAL, INTRATRACIIEAL, OR INTRAVENOUS INOCULATION: SEROLOGIC AND INTRADERMAL TESTS.

R S Merkal A B Larsen K E Kopecky J P Kluge W S Monlux R P Lehmann L Y Quinn Amer J Vet Res 29(5):963-969 REF

May 1968 41.8 AM3A

Diagnosis, Injections, Mycohacterium paratuberculosis, Precipitin test, Serological tests, Sheep.

EXPERIMENTAL PARATUBERCULOSIS IN SHEEP AFTER ORAL, INTRATRACHEAL, OR INTRAVENOUS INOCULATION: HISTOCHEMICAL LOCALIZATION DEHYDROGENASE ACTIVITIES.

R S Merkal W S Monlux J P Kluge A B Larsen K E Kopecky L Y Quinn R P Lehmann Amer J Vet Res 29(5):971-982 REF

May 1968 41.8 AM3A

Dehydrogenases. Histochemistry, Injections, Mycohacterium paratuberculosis, Sheep.

INVESTIGATIONS ON AVIAN AN ADENOVIRUS. (GE)

G Monreal

Zentralbl Vet (SER B)15(6):685-716

Aug 1968 41.8 Z52

Adenoviruses, Adsorption, Cells, Chickens, Dna viruses, Morphology, Nucleic acids, Reproduction, Research, Virus diseases (animals).

22700-68

EFFECT OF TOXIN ROVINE MYCOPLASMAL MASTITIS.

A H Mosher W N Plastridge M E Tourtellotte C F Helmholdt

Amer J Vet Res 29(3):517-522 REF Mar 1968 41.8 AM3A

Allergies, Cattle, Cytopathology, Mastitis. Mycoplasma, Tissue culture, Toxins

22701-68

METHOD OF COMBATTING HERPES VIRUS WITH 5-NITROURACIL. PATENT 3,423,508. Y K S Murthy E Testa

Us Patent Office Offic Gaz 858(3):962 21 Jan 1969 156.65 OF2

Herpesviruses, Nitrouracil, 5-, Patents, Virus diseases (animals).

22702-68

SUSCEPTIBILITY OF TISSUE CULTURE CELLS TO FOOT-AND-MOUTH VIRUS: CONCENTRATION OF SERUM IN CULTURE MEDIUM. DISEASE BOVINE

R E Patty E Dougherty Amer J Vet Res 28(124):647-651

May 1967 41.8 AM3A Blood serum, Foot-and-mouth disease virus, Host relationships, Tissue culture.

22703-68

CYTOPATHOLOGIC CHANGES OF LYMPHATIC TISSUES OF CATTLE WITH THE BOVINE VIRUS DIARRHEA-MUCOSAL DIS-EASE COMPLEY EASE COMPLEX.

C P Peter J R Duncan D E Tyler F K Ramsey Amer J Vet Res 29(5):939-948 REF May 1968 41.8 AM3A

Bovine virus diarrhea virus, Cattle, Cytology, Electron microscopy, Lymph, Mucosal disease.

SUSCEPTIBILITY OF CULTURED MAMMALIAN CELLS TO INFECTION WITH VIRULENT AND MODIFIED HOG CHOLERA VIRUSES.

E C Pirtle A J Kniazeff

Amer J Vet Res 29(5):1033-1040 REF

May 1968 41.8 AM3A

Fluorescent antibody technic. Hog cholera virus, Mammals, Tissue culture.

CYTOGENETIC ALTERATIONS IN SWINE KIDNEY CELLS PERSISTENTLY INFECTED WITH HOG CHOLERA VIRUS AND PROPAGATED WITH AND WITHOUT AN-TISERUM IN THE MEDIUM.

E C Pirtle L K Woods

Amer J Vet Res 29(1):153-164 REF

Jan 1968 41.8 AM3A

Antigens, Chromosomes, Cytogeneties, Hog cholera virus.

22706-68

FROM BRAINS OF RABIESNEGATIVE ANIMALS.

B Pittman W B Cherry

Amer J Vet Res 28(124):779-785 MAP REF

May 1967 41.8 AM3A

Epizootic diseases, Fluorescent antibody technic, Listeria monocytogenes, Rabies virus.

22707-68

PATHOGENESIS OF COLIFORM MASTITIS IN CATTLE. II. A COMPARISON OF MORPHOLOGICAL FINDINGS IN COLIFORM MASTITIS IN CATTLE AND IN THE EXPERI-INDUCED MENTALLY ARTHUS PHENOMENON IN THE MAMMARY GLANDS OF RABBITS.

Z Pospisil E Salajka

Zentralbl Vet (SER B)15(6):631-639 REF

Aug 1968 41.8 Z52

Aerobacter aerogenes, Cattle, Escherichia coli, Livestock diseases, Mammary glands, Mastitis, Morphology, Rabbits. German, French, and Spanish summary.

22708-68

ENTERO-TOXAEMIA OF SHEEP AND LAMBS. M F Pulsford

S Australia J Agr 70(3):89-95

Oct 1966 23 SO84

Clostridium. Enterotoxemia, Immunization, Methodology, Sheep.

22709-68

INFLUENCE OF TEMPERATURE ON THE TOXICITY OF DIFFERENT ISOLATES OF ASPERGILLUS WENTII WEHM.

C J Rabie M Terblanche

S Afr J Agr Sci 10(1):263-266

Mar 1967 24 SU3

Aspergillus, Biochemistry, Ducks, Temperature, Toxicology, Toxins.

22710-68

IMMUNOLOGIC RESPONSE OF FOWL TO MYCOPLASMA GALLISEPTICUM AND ITS RELATIONSHIP TO LATENT INFECTION. D H Roberts O M Olesiuk H Van Roekel

Amer J Vet Res 28(125):1135-1152 REF Jul 1967 41.8 AM3A

Immunization, Mycoplasma gallisepticum, Poultry, Serological tests.

22711-68

PROBLEMS OF BOVINE LEUCOSIS. (GE)

H Roehrer

Riems Isl Friedrich-loeffler Inst Arb 1-8 1967 41.9 R44

Cattle, Leukosis, Livestock diseases. English summary reprint: German Veterinary Weekly, vol. 74, no.2, Jan. 15, 1967, Hannover, West Germany 22712-68

INTERFERON PRODUCTION WITH STRAIN SF-4 OF PARAINFLUENZA-3 VIRUS.

B D Rosenquist R W Loan

Amer J Vet Res 28(124):619-628 REF

May 1967 41.8 AM3A Cattle, Interferon, Parainfluenza-3 virus, Swine,

Lissue culture.

EXPERIMENTAL STREPTOCOCCUS AGALAC-TIAE MASTITIS IN CATTLE: ATTEMPTS TO SUPERIMPOSE THE ORGANISM IN LACTAT-ING GLANDS HARBORING UNRELATED BAC-TERIAL INFECTIONS AND IN GLANDS WITH EXPERIMENTALLY INDUCED STERILE IN-FLAMMATION.

O W Sehalm J Lasmanis E J Carroll Amer J Vet Res 28(124):685-695 REF

May 1967 41.8 AM3A

Cattle, Injections, Mammary glands, Mastitis, Streptococcus agalactiae.

22714-68

EXPERIMENTAL PSEUDOMONAS AERII-GINOSA MASTITIS IN CATTLE.

O W Schalm J Lasmanis E J Carroll Amer J Vet Res 28(124):697-707 REF May 1967 41.8 AM3A

Cattle, Injections, Mastitis, Pseudomonas aeruginosa.

EXPERIMENTAL CONTRIBUTIONS TO THE KNOWLEDGE OF DERMATITIS PUSTULOSA OF SHEEP. VII. INVESTIGATIONS INTO THE PROCESSES IN THE LOW TEMPERATURE COMPLEMENT BINDING REACTION WITH DERMATITIS PUSTULOSA ANTIGEN. (GE.)

Riems Isl Friedrich-loeffler Inst Arb 969-980 REF 1967 41.9 R44

Antigens, Complement fixation, Research, Sheep, Sore mouth, Temperature, Virus diseases (animals). Russian and English summaries reprint: Archive for Experimental Veterinary Medicine vol. 21 no.4, 1967

EXPERIMENTAL CONTRIBUTIONS TO THE KNOWLEDGE OF DERMATITIS PUSTULOSA OF SHEEP. VI. THE SPECIFICITY OF THE COMPLEMENT BINDING REACTION WITH DERMATITIS PUSTULOSA ANTIGEN. (GE) D Sehmidt

Riems Isl Friedrich-loeffler Inst Arb 947-967 REF 1967 41.9 R44

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D Schmidt

Riems Isl Friedrich-loeffler Inst Arb 937-945 REF 1967 41.9 R44

Immunity, Research, Sheep, Skin, Sore mouth, Virus diseases (animals). Russian and English summaries reprint: Archive for Experimental Veterinary Medicine vol. 21 no.4, 1967

EXPERIMENTAL CONTRIBUTIONS TO THE KNOWLEDGE OF DERMATITIS PUSTULOSA OF SHEEP. IV.0CULTIVATING THE DERMATITIS PUSTULOSA VIRUS IN A TISSUE CULTURE. (GE) D Schmidt

Riems Isl Friedrich-loeffler Inst Arb 701-711 1967 41.9 R44

Sheep, Sore mouth, Tissue culture, Virus diseases (animals). Russian and English summaries reprint: Archive for Experimental Veterinary Medicine vol. 21 no.3, 1967

EXPERIMENTAL CONTRIBUTIONS TO THE KNOWLEDGE OF DERMATITIS PUSTULOSA OF SHEEP.II.OTHE BEHAVIOR OF THE COM-PLEMENT FIXATION AND OF THE INFECTIOUS ANTIGEN AT VARIOUS PH LEVELS. (GE)

D Schmidt

Riems Isl Friedrich-loeffler Inst Arb 181-190 REF 1967 41.9 R44

Antigens, Complement fixation, Sheep, Sore mouth, Virus diseases (animals). Reprint: Archive for Experimental Veterinary Medicine vol. 21

EXPERIMENTAL CONTRIBUTIONS TO THE KNOWLEDGE OF DERMATITIS PUSTULOSA OF SHEEP. I.EXPERIMENTS CONCERNING
THE PURIFICATION OF THE DERMATITIS
PUSTULOSA VIRUS AND THE ISOLATION OF
THE COMPLEMENT FIXATION ANTIGEN FROM THE ELEMENTARY BODIES. (GE D Schmidt

Riems Isl Friedrich-loeffler Inst Arb 175-180 REF 1967 41.9 R44

Antigens, Complement fixation, Dermatitis, Sheep, Sore mouth, Virus diseases (animals). Reprint. Archive for Experimental Veterinary Medicine vol. 21

LIGHT AND ELECTRON MICROSCOPIC EX-AMINATIONS OF A NEW BOVINE HERPES VIRUS. (GE)

P Schulze H Liebermann H Hantschel A Bartha M Juhasz

Riems Isl Friedrich-loeffler Inst Arb 747-759 REF 1967 41.9 R44

Cattle, Electron microscopes, Herpesviruses, Microscopy, Virus diseases (animals). Russian and English summaries reprint: Archive for Experimental Veterinary Medicine vol. 21 no.3, 1967

ELECTRON MICROSCOPIC STUDIES ON THE LYMPH NODE OF THE PIG. (GE P Schulze

Riems Isl Friedrich-loeffler Inst Arb 301-306 1967 41.9 R44

Cytoplasm, Electron microscopes, Livestock diseases, Lymphatic system, Research, Swine. Reprint: Morphological Yearbook, Leipzig, East Germany vol. 111 no.2, 1967

REACTIONS OF SHEEP TO CELL-CULTURE-MODIFIED FOOT-AND-MOUTH DISEASE VIRUS.

H R Seibold E Dougherty

Amer J Vet Res 28(125):1079-1083

Jul 1967 41.8 AM3A

Foot-and-mouth disease virus, Immunization, Laboratory animals, Sheep, Tissue culture.

PHYSICO-CHEMICAL PROPERTIES AVIAN REOVIRUS AND ITS NUCLEIC ACID.

K Sekiguchi F Koide H Kawamura Arch Gesamte Virusforsch 24(1-2):123-136 REF Jun 1968 448.3 AR23

Biochemistry, Biophysics, Chickens, Nucleie acids, Reoviruses, Tissue culture.

22725-68

CHARACTERIZATION OF THE MALARIA PIGMENT (HEMOZOIN) FROM THE AVIAN MALARIA PARASITE PLASMODIUM LOPHU-RAE.

I W Sherman I P Ting J A Ruble J Protozool 15(1):158-164 REF

Feb 1968 439.8 J82

Animal diseases, Avian malaria, Plasmodium, Poultry, Properties.

22726-68

FURTHER STUDIES ON THE ERYSIPELOTHRIX INSIDIOSA TUBE AGGLU-TINATION TEST.

D Sikes T J Tumlin

Amer J Vet Res 28(125):1177-1181 REF

Jul 1967 41.8 AM3A

Agglutination, Diagnosis, Erysipelothrix insidiosa, Swine, Turkeys.

22727-68

A NOTE ON THE APPLICATION OF THE CON-GLUTINATING COMPLEMENT ABSORPTION TEST FOR THE DETECTION OF RINDERPEST ANTIBODIES.

G Singh T S Gulrajani Cur Sci 37(7):203-204 05 Apr 1968 475 SC123

Antibodies, Complement, Rinderpest, Serodiagnosis, Serological tests.

IMMUNISATION WITH STAPHYLOCOCCAL CELL WALLS AGAINST MASTITIS.

L Singleton G W Ross R A Stedman K V

J Comp Pathol 77(3):279-291 REF Jul 1967 41.8 J82

Cell wall, Goats, Immunization, Livestock diseases, Mastitis, Staphyloeoeeus.

SOME STUDIES ON PIGEON POX VIRUS IN TISSUE CULTURE

I M H Sokkar H El-Dahaby A H El-Sabbagh J Vet Sci U A R 4(1):91-96

1967 S0F604.016

Methodology, Pigeonpox virus, Tissue culture.

FOWL POX--A COSTLY DISEASE CHEAPLY PREVENTED.

K J Staples

S Australia J Agr 70(4):132-134

Nov 1966 23 SO84

Fowlpox vaccines, Fowlpox virus, Immunization, Poultry diseases, Virus diseases (animals).

PATHOLOGY OF PNEUMONIA IN INTENSIVE-LY-REARED CALVES.

R G Stevenson

J Comp Pathol 77(3):263-269 REF

Jul 1967 41.8 J82

Beef eattle, Livestock diseases, Morphology, Pneumonia.

22732-68

HYDATIDS LIMITATION PROGRAMME--TESTING RESULTS.

Tasmanian J Agr 38(2):138 May 1967 23 T182T

Dogs, Echinococcosis, Surveys.

22733-68

FLUORESCENT ANTIBODY STUDIES OF VIBRIO FETUS: STAINING CHARACTERISTICS IN SEMEN, PREPUTIAL EXUDATE, AND PURE CULTURE.

L K Taul A L Kleekner

Amer J Vet Res 29(3):711-715 REF

Mar 1968 41.8 AM3A

Cattle, Fluoreseent antibody technic, Methodology, Semen, Serological tests, Vibrio.

22734-68

A TOXIC FUNGUS (SCLEROTIUM ROLFSII) ISOLATED FROM GROUNDNUTS.

M Terblanche C J Rabie

S Afr J Agr Sci 10(1):253-262 REF

Mar 1967 24 SU3

Corn, Livestock, Mycotoxicosis, Peanuts, Sclerotium rolfsii.

22735-68

SEROLOGICAL INVESTIGATIONS CONCERNING THE INCIDENCE OF LEPTOSPIRAL INFECTION AMONG THE PERSONNEL EM-

PLOYED IN THE CARE OF ANIMALS IN SOME ZOOTECHNICAL FARMS. (FR.)

VI Topeiu S Levin J Dragan I Radu

Arch Gesamte Virusforsch 26(2):309-318 REF Jun 1967 448.3 AR22

Antibodies, Epidemiology, Leptospira, Occupational diseases, Serological tests. Russian, German. and English abstracts

SKIN NECROSES IN PIGS CAUSED BY GR VIREX. (GE.)

D Urbaneek A Heinig

Riems Isl Friedrich-loeffler Inst Arh 1-5

1967 41 9 R44

Antisepties, Caleium hydroxide, Livestock diseases, Necrosis, Skin, Sodium carbonate, Swine. Russian and English summaries reprint: Monthly Journal for Veterinary Medicine, Jena, East Germany vol. 22 no.9, 1967

22737-68

TWO MORPHOLOGICALLY DIFFERENT TYPES OF LYMPHOCYTES IN CATTLE. (GE) DIFFERENT D Urbaneek

Riems Isl Friedrich-loeffler Inst Arb 795-800 REF 1967 41.9 R44

Cattle, Livestock diseases, Lymphocytes, Lymphocytosis, Morphology. Russian and English summa-ries reprint: Archive for Experimental Veterinary Medicine vol. 21 no.3, 1967

22738-68

THE BEHAVIOR OF MACRONUCLEOLAR AND POLYNUCLEOLAR LYMPHOCYTES IN BOVINE LEUKOSIS. (GE.)

D Urbaneck W Wittmann

Riems Isl Friedrich-loeffler Inst Arb 1469-1476

1967 41.9 R44

Cattle, Leukosis, Livestoek diseases, Lymphatic system, Lymphocytes. Russian and English summaries reprint: Archive for Experimental Veterinary Medicine vol. 21 no.6, 1967

22739-68

CLINICAL AND PATHOLOGICAL ASPECTS OF HOG CHOLERA IN GRIEVING PHYSICALLY SUB-STANDARD PIGS. (GE)

D Urbaneek R Kokles D Schmidt E Wittmann H Bergmann

Riems Isl Friedrich-loeffler Inst Arb 1443-1459 RFF

1967 41.9 R44

Hog cholera, Livestock diseases, Swine. Russian and English summaries reprint: Archive for Experimental Veterinary Medicine vol. 21 no.6, 1967

22740-68

OCULAR TOXOPLASMOSIS IN CATS.

S J Vainisi L H Campbell

Amer Vet Med Ass J 154(2):141-152 REF 15 Jan 1969 41.8 AM3

Cats, Histology, Retina, Serological tests, Toxoplasmosis.

22741-68

EFFECT OF LYSOGENICITY ON THE VIRU-LENCE OF BACILLUS ANTHRACIS.

T Vera L C Grumbles T E Franklin P F Jungerman

Amer J Vet Res 29(5):1059-1066 REF

May 1968 41.8 AM3A

Baeillus anthraeis, Baeteriophages, Mice, Mortali-

22742-68

ELECTRON-MICROSCOPIC FINDINGS IN THE LINGUAL MUCOSA OF HEALTHY AND FOOT-AND-MOUTH DISEASED CATTLE. (GE) W Vetterlein

Riems Isl Friedrich-loeffler Inst Arb 731-746 REF 1967 41 9 R44

Cattle, Electron microscopes, Foot-and-mouth disease, Mucous membrane, Tongue, Virus diseases (animals). Russian and English summaries reprint: Archive for Experimental Veterinary Medicine vol. 21 no. 3, 1967 22743-68

STUDY OF SHEEPPOX VIRUS SYNTHESIS BY FLUORESCENT ANTIBODY TECHNIQUE.

J D Vigario F P Ferraz

Amer J Vet Res 28(124).809-813 REF

May 1967 41.8 AM3A

Fluorescent antibody technic, Sheep, Sheeppox virus, Synthesis, Tissue culture.

AVIAN LEUKOSIS FROM THE POINT OF VIEW OF AVIAN VIRAL TUMORS,

K Vogel

Riems Isl Friedrich-loeffler Inst Arh 1-72 1967 41.9 R44

Avian leukosis complex, Neoplasms, Poultry, Virus diseases (animals). English summary copy of Progress Reports for Agriculture vol. 5 no.9, 1967

22745-68

ON THE QUESTION OF LATENT VIRUS IN-FECTIONS IN WILD-LIVING SMALL MAM-MALS (INSECTIVORES AND RODENTS), SECOND COMMUNICATION: ISOLATION OF MURINE ENCEPHALOMYELITIS VIRUSES. (GE)

S Wagner R Kokles W Wittmann

Riems Isl Friedrich-loeffler Inst Arh 1037-1047 REF

Encephalomyelitis, Encephalomyelitis, Insectivora, Mammals, Rodents, Virus diseases (animals), Wildlife. Rus-Mammals. sian and English summaries reprint: Archive for Experimental Veterinary Medicine vol. 21 no.4,

22746-68

BLOOD TRANSFUSIONS DURING PATENT BOVINE ANAPLASMOSIS.

E.I. Williams, E.W. Jones

Amer J Vet Res 29(3):703-710 REF

Mar 1968 41.8 AM3A

Anaplasmosis, Blood transfusions, Cattle, Immunity, Serological tests.

STUDIES ON THE PROBLEMS ASSOCIATED WITH THE ACTIVATION OF LATENT OR IN-APPARENT SALMONELLOSES BY MEANS OF VACCINATION AS WELL AS ON THE POSSI-BILITY OF SIMULTANEOUS VACCINATION AGAINST SALMONELLOSIS AND SWINE FEVER. (GE)

E Wittmann D Schmidt H Bergmann Riems Isl Friedrich-loeffler Inst Arb 1-11 REF 1967 41.9 R44

Hog cholera, Immunization, Livestock diseases. Parasitism, Research, Salmonellosis, Swine. Russian and English summaries reprint: Monthly Journal for Veterinary Medicine, Jena. East Germany vol. 22 no.5, 1967

22748-68

FURTHER INVESTIGATIONS OF THE QUESTION OF LATENT RABIES INFECTION IN FOXES. (GE.)

W Wittmann R Kokles

Riems Isl Friedrich-loeffler Inst Arb 165-173 REF 1967 41.9 R44

Antigens, Foxes, Immunity, Rabies, Research, Virus diseases (animals). Reprint: Archive for Experimental Veterinary Medicine vol. 21

22749-68

ROUTES ELIMINATION ERYSIPELOTHRIX INSIDIOSA FROM IN-FECTED SWINE.

R L Wood

Amer J Vet Res 28(125):925-936 REF

Jul 1967 41.8 AM3A Bacterial diseases (animals), Erysipelothrix insidiosa, Injections, Swine.

EXPERIMENTAL INFECTIOUS CANINE HEPATITIS. V. THE EFFECT OF RETICULO-ENDOTHELIAL BLOCKADE. N G Wright

J Comp Pathol 77(3):331-337

Jul 1967 41.8 J82

Animal diseases, Cortisone, Dogs, Guinea pigs, Infectious canine hepatitis, Reticuloendothelial system, Temperature.

22751-68

ELECTRON MICROSCOPIC STUDIES ON VESICULAR EXANTIIEMA OF SWINE VIRUS: INTRACYTOPLASMIC VIRAL CRYSTAL FOR-MATION IN CULTURED PIG KIDNEY CELLS. Y C Zee A J Hackett S H Madin

Amer J Vet Res 29(5):1025-1032 REF

May 1968 41.8 AM3A

Cytology, Electron microscopy, Swine, Tissue eulture. Vesicular exanthema virus (swine).

ARTHROPODS

22752-68

22752-08
STABILIZATION OF AQUEOUS SOLUTIONS
OF THE INSECT CHEMOSTERILANT M-XYLOHYDROQUINONE VITAMIN C.

K R S Ascher N Avdat

Experientia 23(8):679-680 REF

15 Aug 1967 475 EX7

Ascorbie acid, Chemical control (insects), Chemosterilants, Hydroquinone, Musca domestica.

22753-68

THREE NEW SPECIES OF BIRD MITES (ANALGOIDAE) PARASITES OF PROCELLARIIFORMES. (FR)

V Cerny

Folia Parasitol 14(1):87-91

Feb 1967 436 8 C33

Aearina, Birds, Insect taxonomy, Parasitic mites. English abstract

22754-68

TICK PARALYSIS CALIFORNIA LIVESTOCK.

E C Loomis R B Bushnell

Amer J Vet Res 29(5):1089-1093 MAP REF

May 1968 41.8 AM3A

California, Dermacentor occidentalis, Livestoek diseases, Tick paralysis.

22755-68

TICKS (IXODOIDEA) OF DOMESTIC ANIMALS IN IRAQ; SPRING AND EARLY SUMMER INFESTATIONS IN THE LIWAS OF BAGHDAD, KUT, AMARA, AND BASRA.

J Robson J M Robb

J Med Entomol 4(3):289-293

10 Aug 1967 421 J828

Insect dissemination, Insect identification, 1xodides, Livestoek, Meteorology, Surveys.

PARASITES

22756-68

EXPERIMENTAL INFECTIONS OF OSTER-TAGIA OSTERTAGI IN CALVES: RESULTS OF TWO REGIMENS OF MULTIPLE INNOCULA-

N Anderson J Armour W F H Jarrett F W Jennings J S D Ritchie

Amer J Vet Res 28(125):1073-1077

Jul 1967 41.8 AM3A

Biochemistry, Cattle, Injections, Ostertagia.

22757-68

PARASITIC NEMATODES OF BIRDS OF THE ORDER COLYMBIFORMES CZECHOSLOVAKIA.

V Barus D Zajicek

Folia Parasitol 14(1):73-85 REF Feb 1967 436.8 C33

Birds, Nematodes, Taxonomy.

THE RELATION BETWEEN THE LIVER RESERVES OF VITAMIN A AND SOME IN-TESTINAL PARASITES IN DOKKI 4 CHICKS. (B). IN CHICKS INFESTED WITH ASCARIDIA GALLI.

A A Bassiouni I A El Hatw M A El Ezz

J Vet Sci U A R 4(1):43-47

1967 S0F604 016

Ascaridae, Chickens, Liver, Parasitism, Sanitation, Vitamin a.

STANDARDIZED CHEMOTHERAPEUTICAL TESTS FOR IMMATURE AND MATURE FASCIOLA HEPATICA INFECTIONS IN

J C Boray F A Happieh

Australian Vet J 44(2):72-78 REF

Feb 1968 41.8 AU72

Anthelminties, Carbon tetraehloride, Drug therapy, Fasciola, Livestock diseases, Sheep.

22760-68

LEPTOSPIROSIS IN WILD ANIMALS. THE LEPTOSPIROSIS IN WILD ANIMALS. THE ISOLATION OF A STRAIN OF LEPTOSPIRA CANICOLA FROM AN ARMADILLO (CHAETOPHRACTUS VILLOSUS). (SP) R A Caechione E S Cascelli E S Martinez J M Zueberbuhler

Argent Repub Inst Nac Zoonosis Ser Tec (N

s)36:51-55

elish summary

1966 41.9 AR36 Antibodies, Leptospira eanicola, Leptospira icterohaemorrhagiae, Leptospirosis, Wildlife. En-

22761-68

THE EFFECTS OF EXPERIMENTAL MICROASCARIDIC INFECTIONS BY ASCARIS SUUM IN GUINEA PIGS SUBJECTED TO TOTAL BODY X- IRRADIATION LD 50/30. (IT) L Casarosa G Macchioni V Favati A Marconeini Arch Vet Ital 18(6):455-470 REF 31 Dec 1967 41.8 AR25

Asearis lumbricoides suum, Dosage, Guinea pigs, Irradiation, Larvae, Parasitology, Tables (data), X-

rays. English, French, German summary.

22762-68 RECENT TECHNIQUES FOR THE SERODIAG-NOSIS OF HUMAN AND ANIMAL HYDATIDO-SIS. III. EVIDENCE OF INDIRECT HEMAG-GLUTINATION (HAI). (sp)

J G Castro

Rev Iberica Parasitol 28(2,APR-JUN):189-249 Jun 1968 436.8 R32

Echinococeosis, Hemagglutination-inhibition test, Methodology, Serodiagnosis.

THE NUMBER OF AELUROSTRONGYLUS AB-STRUSES LARVAE REQUIRED TO PRODUCE PULMONARY DISEASE IN THE CAT.

J M Hamilton

J Comp Pathol 77(3):343-346

Jul 1967 41.8 J82

Aelurostrongylus abstrusus, Cats, Heart, Larvae, Parasitism, Verminous bronchitis.

A STABLE PHOSPHORUS COMPOUND IN THE BODY-WALL MUSCLE OF ASCARIS LUMBRI-COIDES.

I Kubistova D Seth I. Mikulikova Folia Parasitol 14(2):97-105 REF

May 1967 436.8 C33 Ascaris lumbricoides, Muscles, Phosphorus compounds.

22765-68

PROPHYLACTIC THERAPY AGAINST THE DEVELOPING STAGES OF DIROFILARIA IMMITIS: SUPPLEMENTAL STUDIES.

S Kume I Ohishi S Kobayashi Amer J Vet Res 28(125):975-978 Jul 1967 41.8 AM3A

Diethylearbamazine, Dirofilaria immitis, Dogs, Drug therapy.

STUDIES ON EIMERIA MIVATI IN CHICKENS AND A COMPARISON WITH EIMERIA ACER-VULINA.

P.L. Long

J Comp Pathol 77(3):315-325 REF

Jul 1967 41.8 J82

Chickens, Coccidiosis, Eimeria acervulina, Eimeria miyati Parasitism Research.

INVESTIGATIONS CONCERNING THE IMMU-NOBIOLOGICAL DIAGNOSIS OF HEL-MINTHIASIS BY MEANS OF SIMULTANEOUS INTRADERMAL TESTS WITH SEVERAL DIF-FERENT PARASITE ANTIGENS. (FR)

Gh Lupaseo D Panaiteseo A Haeig P Solomon J Tintareanu

Arch Gesamte Virusforsch 26(2):279-284 REF Jun 1967 448.3 AR22

Antigens, Cystieereus, Faseiola, Helminthiasis, Immunodiagnosis, Skin tests, Trichinella spiralis. Russian, German, and English abstracts

CONTROLLED TEST OF ANTHELMINTIC AC-TIVITY OF TRICHLORFON AND THIABENDAZOLE IN LAMBS, WITH OBSER-VATIONS ON OESTRUS OVIS.

ET Lyons J H Drudge F W Knapp Amer J Vet Res 28(125):1111-1116 REF

Jul 1967 41.8 AM3A

Drug therapy, Lambs, Oestrus ovis, Thiazolyl)-benzimidizole, 2-(4-, Trichlorfon.

SHAPE DEVIATIONS IN EGGS OF ASCARIS LUMBRICOIDES.

H Lysek

Folia Parasitol 14(4):381-383

Nov 1967 436.8 C33

Animal morphology, Asearis lumbrieoides, Eggs, Histology.

22770-68

BIRD ECTOPARASITES FROM SOUTH FARALLON ISLAND, CALIFORNIA.

A G Marshall B C Nelson J Med Entornol 4(3):335-338 REF

10 Aug 1967 421 J828

Birds, Insect dissemination, Parasitism, Research.

CONTROL OF COCCIDIOSIS IN POULTRY. PATENT 3,422,200.

E F Rogers R L Clark

Us Patent Office Offic Gaz 858(2):604

14 Jan 1969 156.65 OF2

Anthelmintics, Coceidiosis, Livestock diseases, Patents, Poultry.

22772-68

EFFECT OF THE LEVO FORM OF TETRAMIS-OLE ON OSTERTAGIA, TRICHOSTRONGY-LUS, AND COOPERIA IN CATTLE.

R Rubin C P Hibler

Amer J Vet Res 29(3):545-548

Mar 1968 41.8 AM3A

Anthelmintics, Biochemistry, Cattle, Chemical control (nematodes), Cooperia, Ostertagia, Trichostrongylidae.

22773-68

ROUND WORMS IN PIGS.

A F Rvan

Tasmanian J Agr 38(4):277-280

Nov 1967 23 T182T

Anthelmintics, Asearis lumbricoides, Piperazine, Swine.

The life cycle of Ascaris lumbricoides and the pathology of infested lung and liver tissue of swine are discussed. Piperazine compounds are recommended for safe and effective treatment.

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ACTIVE IMMUNITY AGAINST TRICHOS-TRONGYLUS AXELIN SHEEP AND RABBITS. P K Sinha

Amer J Vet Res 28(124):793-798 REF

May 1967 41.8 AM3A

Immunity, Irradiation, Rabhits, Sheep, Trichostrongylidae.

CONTRIBUTION TO THE HISTOCHEMISTRY OF THE CUTICLE AND CUTICULAR STRUCTURES OF TREMATODES.

J Slais Z Zdarska

Folia Parasitol 14(4):311-318 REI-

Nov 1967 436.8 C33

Cuticle. Echinostoma, Fasciola hepatica. Histochemistry.

THE LOCATION OF THE PARASITES IN MUSCLE CYSTICERCOSIS.

J Slais

Folia Parasitol 14(3):217-223 REF

Sep 1967 436.8 C33

Cattle, Cysticercus, Muscles, Parasitism, Swine.

HEMATOLOGIC CHANGES AND CLINICAL SIGNS OF TRICHINOSIS IN PIGS.

A C Strafuss W J Zimmermann

Amer J Vet Res 28(124):833-838 REF

May 1967 41.8 AM3A

Diagnosis, Eosinophils, Swine, Trichinella spiralis, Trichinosis

22778-68

INFECTIVITY OF ANAPLASMA MARGINALE IN BOVINE BLOOD AFTER PROLONGED FREEZING.

W A Summers

Amer J Vet Res 28(124):880-882

May 1967 41.8 AM3A

Anaplasma, Blood, Cattle, Deer, Freezing, Glycerol, Mortality.

INVESTIGATION OF THE HELMINTHOFAU-NA OF BEASTS OF PREY. (CZ)

J Tomanek

Czecli Min Zemed Les Hospod Ustav Vedeckotech Inform Vet Med 13(4):253-257 REF

Apr 1968 41.9 C333

Animals, Cestoda, Helminthiasis, Livestock, Nematodes, Research, Trichinella, Wildlife, English and Russian and German summary.

COMPARATIVE EVIDENCE WITH DICHLOR-VOS AND DERIVATIVES OF PIPERAZINE IN THE ASCARIDOSIS OF THE PIG. (SP.)

J M T Vilas

Rev Iberica Parasitol 28(2,APR-JUN):171-176

Jun 1968 436.8 R32

Anthelmintics, Ascaris, Dichlorvos, Piperazine, Swine. English abstract

22781-68

EFFECT OF TEMPERATURE AND CULTURAL METHODS ON DEVELOPMENT OF THE FREE-LIVING STAGES OF TRICHOSTRONGY-LUS COLUBRIFORMIS.

G T Wang

Amer J Vet Res 28(125):1085-1090 REF

Jul 1967 41.8 AM3A

Culture media, Eggs. Larvae, Temperature, Trichostrongylidae.

22782-68

SURVIVAL OF INFECTIVE LARVAE OF THE CATTLE NEMATODES, COOPERIA PUNCTATA, TRICHOSTRONGYLUS AXEI, AND OESOPHAGOSTOMUM RADIATUM.

J C Williams R L Mayhew Amer J Vet Res 28(124):629-640 May 1967 41.8 AM3A

Cattle, Cooperia punctata, Larvae, Mortality, Oesophagostomum, Soil surveys, Trichostrongylidae.

COMMODITY PROTECTION

STORAGE DISEASES

22783-68

SOME STORAGE DISEASES OF FRUITS.

M P Srivastava R N Tandon

Cur Sci 37(10):292 20 May 1968 475 SCI23

Anthracnose, Fruit, Scab, Storage diseases.

Symptoms and insect vectors of the following fruit storage diseases are discussed: Anthracnose, Aspergillus rot, and scab.

ARTHROPODS

22784-68

FUMIGANTS IN INDIA.

B K Desai

Pesticides 1(9):19-21

May 1968 S0B951.0P43

Cotton, Fumigants, Peanuts, Stored products.

TERMITE CONTROL MEASURES IN BUILD-ING CONSTRUCTION.

J George

Pesticides 1(8):13-14

Apr 1968 S0B951.0P43

Aldrin, Benzene hexachloride, Buildings, Chlordane, Chlorinated hydrocarbons, Dieldrin, DDT, Heptachlor, Insect control, Insecticides, Soil sanitation, Termite-proofing.

22786-68

INSECTS COST US MONEY.

F B Pearson

S Australia J Agr 70(4):143

Nov 1966 23 SO84

Chemical control (insects), Costs, Insect pests, Storage diseases, Stored products, Wheat.

Economic losses caused by insects in Australian grain storage and marketing are discussed.

MITES AS HOUSE VERMIN AND STORAGE PESTS IN NORTHWEST GERMANY. (GE) G Rack

Hamburg Zool Staatsinst Zool Mus Entomol Mitt 3(62):1-19 REF

15 Nov 1968 421 H17

Catalogs, Mites, Stored products.

RODENTS AND OTHER PESTS

22788-68

SYMPTOMS AND CHARACTERISTICS OF PRATYLENCHUS BRACHYURUS INFESTA-TION ON STORED POTATOES.

H Koen W L Hogewind

S Afr J Agr Sci 10(2):543-550

Jun 1967 24 SU3

Cold storage, Potatocs, Pratylenchus, Storage discases.

MICROBIAL CONTAMINATION

22789-68

ISOLATION SALMONELLA FROM NORTHERN TERRITORY CATTLE.

J M Bruce B Hart

Australian Vet J 44(2):80 Feb 1968 41.8 AU72

Food contamination, Salmonella, Slaughterhouses.

ENVIRONMENTAL CONTAMINATION

22790-68

PERSISTENCE OF HERBICIDES IN PONDED WATER AND SOILS.

P A Frank R D Comes E B Hollingsworth Weed Soc Amer Abstr 1966 MEETING:88 1966 241 W41

D, 2,4-, Dichlobenil, Fenac, Herbicide residues. Paraquat, Ponds, Soil contamination, Water pollu-

EFFECTS OF SOIL APPLIED TRIFLURALIN ON FISH PRODUCTION IN POOLS.

J M Lawrence

Weed Soc Amer Abstr 1966 MEETING:89-90 1966 241 W41

Aquatic weeds, Dosage, Fish, Herbicides, Plant physiology, Reproduction, Soils, Trifluralin.

22792-68

FIELD INVESTIGATIONS AGAINST HERBICIDES. OF **CLAIMS**

P Marvin

1966 MEETING:78

1966

Cattle, D, 2,4-, Herbicide residues, Plant injuries. Poisoning, Poisonous plants. About half the claims of herbicidal damage are erroneous.

22793-68

PERSISTANCE OF TRIFLURALIN IN SOIL.

L R Oliver R E Frans

Weed Soc Amer Abstr 1966 MEETING:3

1966 241 W41

Biological assay, Herbicides, Loam, Soil contamination, Sorghum, Trifluralin.

RESIDUES

STUDIES ON PESTICIDE RESIDUES. 2. CARBARYL RESIDUES IN THE BODY TISSUES AND MILK OF CATTLE FOLLOWING DERMAL APPLICATION.

1 S Aurwood

Queensland J Agr Anim Sci 24(1):69-74 REF Mar 1967 23 Q37

Carbaryl, Cattle, Chemical analysis, Insecticide residues, Milk.

22795-68

METHYL PARATHION ADSORBED ON THE SKIN AND BLOOD CHOLINESTERASE LEVELS OF PERSONS CHECKING COTTON TREATED WITH ULTRALOW-VOLUME SPRAYS.

S J Nemce P L Adkisson H W Dorough J Econ Entomol 61(6):1740-1742

16 Dec 1968 421 J822

Adsorption, Blood analysis, Cholinesterases, Cotton, Insecticide residues, Methyl parathion, Skin, Spraying, Toxicology.

22796-68

PENETRATION AND ACCUMULATION OF FENURON IN FOREST SOILS.

R D Shipman 66(12):910-912

Dcc 1968

Biological assay, Fenuron, Forest soils, Herbicide residues, Oats, Soil texture.

PESTICIDE RESIDUES IN DIARY PRODUCE. Tasmanian J Agr 38(4):318-319

Nov 1967 23 T182T

Dairy products, DDT, Food contamination, Insecticide residues, Lindane, Pastures, Pest control.

TOXICOLOGY

22798-68

CONTROL OF THE ACTION OF CHEMICAL MOLLUSCICIDES ON ZOOPHYTIC ASSOCIA-TIONS IN FRESH WATER. (FR)

R Deschiens

Acad Sci Compt Rend Ser D Sci Nat 266(18, 1ST SEMESTER):1860-1861

29 Apr 1968 505 P21

Algae, Aquatic animals, Molluscacides, Pesticide residues, Toxicity

THE INFLUENCE OF BEE VENOM ON THE OSMOTIC FRAGILITY OF YOUNG RABBIT

1 Hort

Cur Sci 37(10):271-274 REF 20 May 1968 475 SCI23

Bee venom, Erythrocytes, Hemolysis, Rabbits.

ACTION OF DDT ON THE PERIPHERAL NER-VOUS SYSTEM OF THE GRASS FROG RANA PIPIENS.

P A Isaacson

Cur Sci 37(18):530-531

20 Sep 1968 475 SC123

DDT. Frogs, Nervous system, Toxicology.

INVESTIGATION OF THE TOXICITY OF FUN-GICIDAL AEROSOLS TO LATE BLIGHT (PHYTOPHTORA INFESTANS (MONT.)DE BARY) UNDER LABORATORY CONDITIONS.

V Koula

Czech Min Zemed Statnim Ustav Vedeckotech Inform Ved Pr 11:187-196 REF 1967 19.5 C3332

Aerosols, Biochemistry, Biological laboratories, Fungicides, Phytophthora infestans, Research, Toxicology, English, German, and Russian summa-

22802-68

PESTICIDES USE AND HEALTH HAZARDS.

P R Mehta

Pesticides 1(6):15-22

Feb 1968 S0B951.0P43

Accident prevention, Pesticides, Public health, Safety education.

22803-68

ON REPRODUCTION STUDIES AND THE OC-**CURRENCE OF CATARACTS IN RATS AFTER** LONG-TERM FEEDING OF THE INSECTICIDE HEPTACHLOR.

Experientia 23(1):42-43

15 Jan 1967 475 EX7

Cataracts, Heptachlor, Rats, Reproduction, Toxicology.

PLANT PHYSIOLOGY & BIOCHEMISTRY

22804-68

EFFECT OF SEVERAL HERBICIDES ON THE PROTEOLYTIC ACTIVITY IN SQUASH.

F M Ashton D Penner

Weed Soc Amer Abstr 1966 MEETING:48

1966 241 W41

Atrazine, Dicamba, Dichlobenil, Enzymes, Fenac, Herbicides, Isopropyl N-(3-chlorophenyl)carbamate, Monuron, Picloram, Plant biochemistry, Winter squash.

THE INFLUENCE OF ROOTED AQUATIC PLANTS ON THE DISSOLVED OXYGEN CONTENT OF WATER.

P G Beasley J M Lawrence

Weed Soc Amer Abstr 1966 MEETING:90

1966 241 W41

Aquatic weeds, Eichhornia crassipes, Fish, Nitella. Oxygen, Plant water relations, Potamogeton crispus, Temperature, Water.

22806-68

SURFACTANT TOXICITY TO PLANT TISSUES. G A Buchanan D W Staniforth

Weed Soc Amer Abstr 1966 MEETING:44-45

1966 241 W41

Beets, Biological assay, Cells, Corn, Elodca, Plant physiology, Plants, Roots, Seed germination, Soybeans, Surface-active agents, Tissues.

THE ACTION OF SEVERAL INHIBITORS ON THE RESPIRATION OF PLANT TISSUES TREATED WITH GIBBERELLIC ACID. (FR.)

D Courtrez

Bruxelles Univ Phys Veg Ann 13(3):53-81 REF 1968 451 B833

Gibberellic acid, Plant biochemistry, Plant regulators, Plant respiration, Potatoes.

DODDER: POTENTIAL RESEARCH TOOL.

J H Dawson

Weed Soc Amer Abstr 1966 MEETING:35

1966 241 W41

Bromacil, Cuscuta, Diuron, Ethyl N Ndipropylthiolcarbamate, Herbicides, biochemistry, Research, Simazine, Trifluralin. Plant

PLANT INSECTICIDES.

B V Deshpande

Pesticides 1(8):11-12

Apr 1968 S0B951.0P43

Insecticidal plants, Insecticides, Plant extracts.

22810-68

INTERACTIONS BETWEEN ATRAZINE RESIDUE AND FOUR HERBICIDES: AMIBEN, CDAA, LINURON, AND TRIFLURALIN.

W G Espinoza R S Adams R W Behrens Weed Soc Amer Abstr 1966 MEETING:53-54

1966 241 W41

Amiben, Atrazine, Chloro-N,N-diallylacetamide, Herbicide residues, Herbicides, Humidity, Light, Linuron, Plant physiology, Soybeans, Temperature, Trifluralin.

USE OF LABORATORY EVALUATIONS FOR AQUATIC HERBICIDES AND ALGICIDES.

G P Fitzgerald R P Howmiller

Weed Soc Amer Abstr 1966 MEETING:91 1966 241 W41

Algae, Algicides, Aquatic weeds, Biological assay, Chelation, Chemical control (wceds), Copper, Detergents, Fish, Herbicides, Lemna minor, Plant physiology.

22812-68

PRODUCTION OF ETHYLENE BY SWEET POTATO ROOTS INFECTED BY BLACK ROT FUNGUS.

H Imaseki T Teranishi I Uritani Plant Cell Physiol 9(4):769-781 REF

Dec 1968 450 P699

Black rot, Ceratocystis, Ethylene, Fungus diseases (plants), Roots, Sweet potatoes.

22813-68

SITES OF INCORPORATION OF TRITIUM URIDINE IN THE PARENCHYMA CELLS OF HEALTHY LEAVES AND LEAVES INFECTED WITH YELLOW MOSAIC TURNIP VIRUS, OF BRASSICA CHINESIS. (FR)

D Lafleche J M Bove

Acad Sci Compt Rend Ser D Sci Nat 266(18, 1ST SEMESTER):1839-1841

29 Apr 1968 505 P21

Autoradiography, Chinese cahbage, Cytology, Electron microscopy, Isotopes, Uridine, Yellow mosaic (turnins).

METHOD FOR MODIFYING THE GROWTH CHARACTERISTICS OF PLANTS. PATENT 3.421.881.

LK Leasure D R Mussell

Us Patent Office Offic Gaz 858(2):546

14 Jan 1969 156.65 OF2

Biochemistry, Patents, Plant physiology, Plant

22815-68

PARTITIONING AND DISTRIBUTION OF HER-BICIDES IN SPINACH CHLOROPLASTS.

T J Monaco D E Moreland

Weed Soc Amer Abstr 1966 MEETING:46

1966 241 W41

Chloroplasts, Herbicides, Hill reaction, Plant biochemistry, Plant translocation, Prometryne, Propanil, Simazine, Spinach.

PARTITIONING AND DISTRIBUTION OF HER-BICIDES IN SPINACH CHLOROPLASTS.

T J Monaco D E Moreland

Weed Soc Amer Abstr 1966 MEETING:33

1966 241 W41

Chloroplasts, Herbicides, Hill reaction. Photochemistry, Plant biochemistry, Prometryne, Propanil, Simazine, Spinach.

INHIBITION OF THE HILL REACTION OF ISOLATED CHLOROPLASTS BY AMIDE-CON-TAINING HERBICIDES.

D E Moreland T J Monaco

Weed Soc Amer Abstr 1966 MEETING:33,45

1966 241 W41

Amides, Chloroplasts, Colorimetry, Herbicides, Hill reaction, Peas, Plant biochemistry.

EFFECT OF SUCROSE, AUXINS AND GIB-BERELLIC ACID ON ROOTING OF STEM SEGEMNTS OF POPULUS NIGRA UNDER VARYING LIGHT CONDITIONS.

K K Nanda A N Purohit K Mehrotra Plant Cell Physiol 9(4):735-743 REF

Dec 1968 450 P699

Gibberellic acid, Light, Plant hormones, Populus nigra, Roots, Sucrose.

UTILIZATION OF 14C METABOLITES, IN-CORPORATION OF 32P AND CHANGES IN RESPIRATION OCCURRING IN LEAVES FROM DALAPON TREATED BEANS.

Weed Soc Amer Abstr 1966 MEETING:50 1966 241 W41

Adenosine triphosphates, Autoradiography, Beans, Biochemistry, Carbon isotopes, Chromatography, Dalapon, Herbicides, Leaves, Metabolites, Photosynthesis, Phosphorus isotopes, physiology, Plant respiration, Radioactive tracers.

22820-68

TRANSLOCATION OF HERBICIDES IN AMER-PONDWEED ICAN (POTAMOGETON NODOSUS POIR.).

D E Seaman T M Thomas

Weed Soc Amer Abstr 1966 MEETING:65

1966 241 W41

Autoradiography, Autoradiography, Carbon isotopes, Elodea canadensis, Herbicides, Metabolites, Photosynthesis, Plant biochemistry, Plant translocation, Potamogeton nodosus, Radioactive tracers, Surface-active agents.

C02:02 RATIOS IN RELATION TO WEED SEED GERMINATION.

G D Sclls D W Staniforth

Weed Soc Amer Abstr 1966 MEETING:59

1966 241 W41

Carbon dioxide, Oxygen, Polygonum pensylvanicum, Seed dormancy, Seed germination, Setaria faberii, Setaria lutescens, Setaria viridis, Soil profiles, Temperature, Weeds.

22822-68

THE INFLUENCE OF VOLATILE 2,4-D UPON ZINNIAS, SNAPDRAGONS, AND OTHER BEDDING PLANTS AS AFFECTED BY OTHER GASES SUCH AS SO2 AND NH3.

C H Sherwood E L Denisen

1966 MEETING:68

1966

Ammonia, Antirrhinum, D, 2,4-, Gascs, Ornamental plants, Plant biochemistry, Plant injuries, Sulfur dioxide.

22823-68

PENETRATION AND DISTRIBUTION STUDIES IN BEAN, COTTON AND BARLEY FROM FOLIAR AND ROOT APPLICATIONS OF TWEEN 20-C14 (FATTY ACID AND OXYETHYLENE LABELED).

L W Smith C L Foy

Weed Soc Amer Abstr 1966 MEETING:64

1966 241 W41

Barley, Beans, Carbon isotopes, Chromatography, Cotton, Foliar application, Plant translocation, Roots, Surface-active agents.

22824-68

EFFECTS OF AFTER-RIPENING AND GIB-BERELLIC ACID ON THE THERMOINDUC-BERELLIC ACID ON THE THERMOINDUCTION OF SEED GERMINATION IN SOLANUM MELONGENA.

Y Suzuki N Takahashi

Plant Cell Physiol 9(4):653-660 REF

Dec 1968 450 P699

Eggplant, Gibberellic acid, Sced germination, Tcmperature.

22825-68

ISOLATION AND SOME PHYSIOLOGICAL PROPERTIES OF NATURAL PLANT GROWTH INHIBITORS.

R Turetskaya V Kcfeli M Kutacek K Vackova N Tschumakovski

Biol Plant 10(3):205-221 REF

May 1968 450 B52

Cabbage, Corn, Peas, Plant biochemistry, Plant growth inhibitors, Salix.

TRANSLOCATION AND PERSISTENCE OF DICAMBA IN CANADA THISTLE, TARTARY BUCKWHEAT, QUACKGRASS AND KENTUCKY BLUEGRASS.

W H Vandendorn

Weed Soc Amer Abstr 1966 MEETING:62 1966 241 W41

Agropyron repens, Carbon isotopes, Chemical control (weeds), Chromatography, Cirsium arvense, Defoliation, Dicamba, Dosage, Fagopyrum tataricum, Pesticide application, Plant biochemistry, Plant physiology, Plant translocation, Poa pratensis, Radioactive tracers.

HERBICIDE PERSISTENCE WITH DIFFERENT INCORPORATORS.

A F Wiese

Weed Soc Amer Abstr 1966 MEETING:52 1966 241 W41

Amaranthus retroflexus, Atrazine, Chemical control (weeds), Diuron, Dosage, Herbicide residues, Norea, Pesticide application, Prometryne, Propazine, Soil sanitation, Trifluralin, Wheat.

CHEMISTRY

22828-68

BIS-SULFONYL DIHALOMETHANES AS FUN-GICIDES AND BACTERICIDES. PATENT 3,426,138.

D R Baker

Us Patent Office Offic Gaz 859(1):282

04 Feb 1969 156.65 OF2

Bactericides, Chemistry, Fungicides, Halogen compounds, Patents, Sulfonic acid compounds.

TRIAZINES. PATENT 3,423,409.

H M Blatter

Us Patent Office Offic Gaz 858(3):946

21 Jan 1969 156.65 OF2

Chemistry, Patents, Triazines.

22830-68

ADSORPTION OF HERBICIDES TO PROTEINS.

N D Camper D E Moreland

Weed Soc Amer Abstr 1966 MEETING:32,46 1966 241 W41

Adsorption, Chemistry, Chlorine, D, 2,4-, Diuron, Herbicides, Proteins, Trichlorobenzoic acid, 2,3,6-.

22831-68

FUNGICIDAL COMPOSITIONS CONTAINING COPPER BIS-DIMETHYL ACRYLATE. PATENT 3,426,132.

H Frensch

Us Patent Office Offic Gaz 859(1):281

04 Fcb 1969 156.65 OF2

Chemistry, Copper bis(dimethyl) acrylate, Fungicides, Patents.

22832-68

PROCESS OF KILLING FUNGI, BACTERIA OR NEMATODES. PATENT 3,422,197.

K R Molt 1 Hechenbleikner

Us Patent Office Offic Gaz 858(2):604

14 Jan 1969 156.65 OF2

Bacteria, Chemistry, Fungi, Nematodes, Patents, Pesticides.

WATER DISPERSIBLE POWDERED PESTI-CIDE CONCENTRATES. PATENT 3,421,882. E P Ordas

Us Patent Office Offic Gaz 858(2):546 14 Jan 1969 156.65 OF2

Chemistry, Patents, Pesticides, Water.

22834-68

NEW HERBICIDES ANALYZED AT THE IN-STITUTO BIOLOGICO DURING THE YEARS OF 1966, 1967 AND 1968. (POR)

J R Piedade L Leiderman

Biologico 34(9):209-211

Sep 1968 442.8 B529

Chemical analysis, Herbicides. English abstract

ACARICIDAL COMPOSITION CONTAINING N-SUBSTITUTED AND UNSUBSTITUTED ALKYL AND ALKENYL-2-DIMETHYLAMINO-BENZHYDRYLCARBAMATES. PATENT 3,422,199.

S B Richter D P Mayer

Us Patent Office Offic Gaz 858(2):604

14 Jan 1969 156.65 OF2

Acaricides, Carbamates, Chemistry, Nitrogen, Patents, Pesticides.

22836-68

PESTICIDAL PREPARATIONS AND COM-POUNDS. PATENT 3,423,470.

O Rohr A Hubele

Us Patent Office Offic Gaz 858(3):956

21 Jan 1969 156.65 OF2

Chemistry, Patents, Pesticides.

22837-68

PESTICIDAL PREPARATION AND METHOD OF USE. PATENT 3,421,883.

O Rohr

Us Patent Office Offic Gaz 858(2):546-547

14 Jan 1969 156.65 OF2

Chemistry, Patents, Pesticide application, Pesticides.

ENGINEERING

22838-68

MAINTENANCE AND USE OF CONTROLLED ENVIRONMENT CHAMBERS.

W A Gentner

Weed Soc Amer Abstr 1966 MEETING:67

1966 241 W41

Chambers, Environment, Equipment, Main-

22839-68

NEW EQUIPMENT DEVELOPED BY THE CORPS OF ENGINEERS FOR USE IN AQUATIC WEED CONTROL.

C F Zeiger

Weed Soc Amer, Abstr 1966 MEETING:93

1966 241 W41

Aquatic weeds, Boats, D, 2,4-, Eichhornia crassipes, Equipment, Spraying equipment, Weed control.

INDUSTRY

ECONOMICS

22840-68

SOME NOTES ON THE SHORT-TERM AND LONG-TERM ECONOMICS OF PEST CON-TROL.

G Ordish

Pans (pest Articles News Sum) Sect A Insect Contr 14(3):343-355

Aug 1968 423.92 G798

Agriculture, Economics, Pest control, Time.

THRESHOLD VALUES IN THE ECONOMICS OF INSECT PEST CONTROL IN AGRICUL-TURE.

E Sylven

Pans (pest Articles News Sum) Sect A Insect Contr 14(3):356-366 REF

Aug 1968 423.92 G798

Agriculture, Economics, Insect control, Pest control.

SUBSISTENCE AGRICULTURE: CROP PRO-TECTION IN SUBSISTENCE AGRICULTURE.

K Tan

Pans (pest Articles News Sum) Sect A Insect Contr 14(3):397-402 REF Aug 1968 423.92 G798

Agriculture, Economics, Plant protection.

EDUCATION

22843-68

SAFE HANDLING OF PESTICIDES.

R D Rooproy

Pesticides 1(8):15-16

Apr 1968 S0B951.0P43

Accident prevention, Pesticides, Safety education.

22844-68

CZECHOSLOVAK AND SOVIET PARASITOLO-HISTORY, INTERRELATIONS AND WORK.

B Rosicky

Folia Parasitol 14(4):289-294 Nov 1967 436.8 C33

History, Parasitology.

REGULATIONS

22845-68

WHERE DO WE STAND ON SAFE USE OF PESTICIDES.

F H Dale

Weed Soc Amer Abstr 1966 MEETING:78-79 1966 241 W41

Accident prevention, Environment, Fish, Herbicides, Labeling, Pesticides, Public health, Safety education, Wildlife.

22846-68 NEW LEGAL BASES IN PLANT PROTECTION. (GE)

E Gersdorf

Prakt Schadlingshekampfer 20(6):91-93

Jun 1968 421 P882

Biochemistry, Dosage, Insecticides, Legislation, Plant protection.

22847-68 WE HAVE THE MOST MODERN PLANT PROTECTION LAW IN THE WORLD. (GE) E Leib

Prakt Schadlingshekampfer 20(4):37

Apr 1968 421 P882

Legislation, Plant protection, World agricultural situation.



SUBJECT INDEX

ABDOMEN The abdominal scent organ male hawk moths. Supplements to the knowledge of hawk moths.	Systematic discontinuities between eggs and hoppers from individual egg-pods of the brown locust. 22462	Further studies on the Erysipelothrix insidiosa tube agglutination test.
(III) (Lcp. Sphingidae).	ACROSTERNUM HILARE	AGING
ABNORMALITIES Abnormal individuals and taxonomic errors (Hymenopt.).	A laboratory method for continuously rearing the green stink bug. 22469	nut shield bug (Piezosternum calidum Fab.).
22257	ADENOSINE TRIPHOSPHATES	Studies on the biology of Athalia proxima Klug
ABORTION Isolation and characterization of bovine enteric viruses.	Studies on the terminal respiratory systems in the minute (2)z mutant of Drosophila melanogaster. 22475	22449 AGRICULTURAL LEGISLATION
22688 ABUTILON THEOPHRASTI	Utilization of 14C metabolites, incorporation of 32P and changes in respiration occurring in	
Atmospheric fumigation of dormant and non- dormant weed seed.	leaves from dalapon treated beans.	Virus tested deciduous fruit trees.
22561	ADENOVIRUSES	AGRICULTURE 22496
ACARIASIS Experimentally induced bovine psoroptic acaria-	Hemagglutininc of the adenovirus 31. 22667	Come notes on the short term and long term
sis in a rabbit. 22695	Investigations on an avian adenovirus. 22699	22840
ACARICIDES Red mite control in Hawke's Bay orchards.	ADSORPTION	Threshold values in the economics of insect pest control in agriculture.
22529	Investigations on an avian adenovirus. 22699	22841
Control of red spider mite on soya bean. 22535	Methyl parathion adsorbed on the skin and blood	sistence agriculture.
Acaricidal composition containing N-substituted	cholinesterase levels of persons checking cotton treated with ultralow-volume sprays.	AGROMYZIDAE
and unsubstituted alkyl and alkenyl-2- dimethylamino-benzhydrylearbamates. Patent	Adsorption of herbicides to proteins.	The Alysiinae (Hym. Braconidae) parasites of the Agromyzidae (Diptera). VI. The parasites of
3,422,199. 2283 5	22830	Cara Jantha nan Jania i
ACARINA	AEDES A preliminary report on the breeding sites and	ACDODVDON DEDENS
Three new species of Phytoseiid mites preying on the cotton white fly, Bemisia tabaci in the Sudan (Acarina: Phytoseiidae).	incidence of Aedes in Delhi.	Canada thistle tartary buckwheat quackgrass
22256	AEDES AEGYPTI Sexual responses of adult male Aedes aegypti	22826
Contribution to the study of the Caeculidae. IV. Procaeculus Bryani Jacot, 1936 (Acariens:	using the forced-copulation technique.	Aerial pest control.
Prostigmates).	22347 The distribution pattern of indirect flight muscle	22536
Revision of the Ceratozetidae. 5. Ceratozetes	fibres in Aedes aegypti (L.) (Diptera: Culicidae).	tional Airport.
thienemanni Willmann (Arach., Acari, Oribatei).	Feeding and oviposition behavior in the	22500
22305 Abyssal Halacaridae (Acari) from the southeast	mosquito Aedes aegypti (L.). I. Preliminary stu- dies of physiological control mechanisms.	
Pacific.	22417	22785
Notes on the biology of the parasitic mite	AELUROSTRONGYLUS ABSTRUSUS The number of Aelurostrongylus abstruses larvae	ALFALFA Bioassay evaluation of heptachlor, isobenzan,
Pycmotes scolyti Oud. (Acari: Pycmotidae). 22352	required to produce pulmonary disease in the cat.	and diazinon used against the alfalfa weevil in Northern Utah.
Summary of insect and mite incidence on fruit in	22763	22523
1967. 22533	AERIAL SPRAYING Legislation for aerial spraying.	Weed control in established alfalfa with soil-applied herbicides.
Three new species of bird mites (Analgoidae)	22485	22556 The effects of three formulations of butyric her-
parasites of Procellariiformes. 22753 ACCIDENT PREVENTION	Aerial spraying boosts jute output.	bigides on namely special and sateblished stands
Environmental control at Boston-Logan Interna-	Aerial pest control. 22536	Wood control in coodling alfalfa
tional Airport. 22563	AEROBACTER AEROGENES	Weed control in seedling alfalfa. 22602
Pesticides use and health hazards. 22802	Pathogenesis of coliform mastitis in cattle. II. A comparison of morphological findings in	Control of the action of chemical molluscicides
Safe handling of pesticides.	coliform mastitis in cattle and in the experimen- tally induced arthus phenomenon in the mamma-	22798
Where do we stand on safe use of posticides.	ry glands of rabbits.	Use of laboratory evaluations for aquatic herbi- cides and algicides.
ACETONE 22845	AEROSOLS Investigation of the toxicity of fungicidal aerosols	ALGICIDES 22811
Antifeeding effect of DDT on bollworm and tobacco budworm larvae.	to late blight (Phytophtora infestans (Mont.)de Bary) under laboratory conditions.	
22362	22801	22811
ACHETA DOMESTICUS A pheromone-like dispersant affecting the local distribution of the European house cricket,	AFRICA Besnoitiosis and other skin diseases of cattle (Bos indicus) in Uganda.	ALHAGI PSEUDALHAGI Chemical control of Alhagi camelorum. 22589
Acheta domestica.	22637	ALLERGIES
ACONITIC ACID	AFRICAN HORSE SICKNESS Immunization of horses against African horse-	Effect of toxin in bovine mycoplasmal mastitis.
Aquatic vegetation control in Louisiana. 22615	sickness with attenuated neurotropic viral strains propagated in chicken embryos.	ALOYSIA LYCIOIDES The woody plant nurserya useful tool for
ACRIDIDAE Stenobothrus (Stenobothrodes) cotticus nov.	22662 AFRICAN SWINE FEVER	evaluation of herbicides. 22576
spec., a new grasshopper from the French Alps (Orthoptera, Acrididae).	The situation of the African swine fever virus in viral systematics.	

SUBJECT INDEX

A neglected diagnostic character of the Apoidea

Ultrastructural observations on neurons of the

(Hymenoptera).

22615

Comparative evidence with dichlorvos and

derivatives of piperazine in the Ascaridosis of the

22780

pig.

ALTERNANTHERA PHILOXEROIDES

AMARANTHACEAE

ANAPLASMOSIS

mosis.

ANATOMY

Blood transfusions during patent bovine anaplas-

New Nearctic and Neotropical muscoidean Dip-

tera (Sarcophagidae and Tachinidae).

ALTERNANTIIERA PHILOXEROIDES

Aquatic vegetation control in Louisiana.

Pigweed (Amaranthus retroflexus): An oxalate-	sympathetic ganglia in grass sickness.	ANTHOMYIDAE
containing plant.	22643	Diptera from Nepal. Anthomyiidae. 22251
AMARANTIIUS RETROFLEXUS	ANDRENIDAE A new bee of the genus Andrena from India	ANTHRACNOSE
Herbicide persistence with different incorpora-	(Hymenoptera: Andrenidae).	Some storage diseases of fruits.
tors. 22827	22298	22783
AMIBEN 22827	ANIMAL BREEDING	ANTIBODIES
Bioassay evaluation of depth distribution of in-	Influence of litter size, age, variation, and selec-	St. Louis encephalitis in Mcleansboro, Illinois, 1964.
corporated soyhean preemergence herhicides.	tive hreeding of mice on susceptibility to foot- and-mouth disease virus.	22248
22605	22640	Serological response of pigs to infection with
Herhicide combinations.	ANIMAL DISEASES	Mycoplasma. Demonstration of growth and
22614	Pantothenic acid metabolism during avian	metaholism-inhibiting antibodies in sera of pigs
Interactions between atrazine residue and four herbicides: Amiben, CDAA, linuron, and triflu-	malaria infection: Pantothenate kinase activity in	inoculated intranasally with Mycoplasma hyor- hinis. II.
ralin.	duck erythrocytes and in Plasmodium lophurae. 22630	22661
22810	Schizogony and gametogony of Leucocytozoon	Manufacture of a live canine hepatitis vaccine.
AMIDES	simondi and associated reactions in the avian	22672
Inhibition of the Hill reaction of isolated	host.	Comments on some mechanisms of antibody
chloroplasts by amide-containing herbicides.	22650	production in bovine leptospirosis. 22682
AMINES	Acute and chronic Erysipelothrix rhusiopathiae	Equine piroplasmosis: Indirect flourescent an-
Amine-phosphorus pentafluoride complexes as	infection in rats.	tibody test for Bahesia cahalli.
herbicides. Patent 3,420,655.	22659	22689
22559	Serological response of pigs to infection with Mycoplasma. Demonstration of growth and	Studies on the development of a live vaccine
AMINO ACIDS Effect of amino acids and organic acids on the	metabolism-inhibiting antibodies in sera of pigs	against equine rhinopneumonitis (abortion of
sexual reproduction of species of Phytophthora	inoculated intranasally with Mycoplasma hyor-	mares).
and Pythium.	hinis. II.	A note on the application of the conglutinating
22504	22661	complement absorption test for the detection of
AMITROLE Environmental control at Roston Logan Interna	Characterization of the malaria pigment (hemozoin) from the avian malaria parasite	rinderpest antibodies.
Environmental control at Boston-Logan Interna- tional Airport.	Plasmodium lophurae.	22727
22563	22725	Serological investigations concerning the in- cidence of leptospiral infection among the per-
Phragmites control in Delaware, 1965.	Experimental infectious canine hepatitis. V. The	sonnel employed in the care of animals in some
22570	effect of reticulo-endothelial blockade.	zootechnical farms.
Weed control in young peach orchards.	22750	22735
22601	ANIMAL HISTOLOGY	Leptospirosis in wild animals. The isolation of a
AMMONIA The influence of volatile 2,4-D upon zinnias,	The effect of DDT on reproduction in mice. 22619	strain of Leptospira canicola from an armadillo (Chaetophractus villosus).
snapdragons, and other bedding plants as af-	ANIMAL MORPHOLOGY	22760
fected by other gases such as SO2 and NH3.	Shape deviations in eggs of Ascaris lumbricoides.	ANTIGENS
22822	22769	Preparation and characterization of a soluble
AMMONIUM THIOCYANATE Environmental control at Boston-Logan Interna-	ANIMAL PHYSIOLOGY	Anaplasma marginale antigen. 22625
tional Airport.	Effects of progesterone treatments on delayed	Antigenic variation in Vibrio cholerae resulting
22563	implantation in mink.	from chromosomal transfer by conjugation.
Phragmites control in Delaware, 1965.		22631
22570	ANIMALS On sampling and extracting technique for soil	The dynamics of antihody against Eimeria tenel-
ANAMNESTIC REACTION	micro-arthropods.	la under the fluorescent microscope. 22642
Specificity of the anamnestic response produced by Listeria monocytogenes or Mycobacterium	22621	
tuberculosis to challenge with Listeria mono-	Investigation of the helminthofauna of beasts of	Fluorescent antihody technique as a diagnostic test for canine distemper infection: Detection of
cytogenes.	prey.	viral antigen in epithelial tissues of experimen-
22644	22779	tally infected dogs.
ANAPLASMA Preparation and characterization of a soluble	ANOPHELES FREEBORNI Host-feeding patterns of Anopheles freeborni in	22654
Anaplasma marginale antigen.	the Sacramento Valley, California.	Cytogenetic alterations in swine kidney cells per- sistently infected with hog cholera virus and
22625	22250	propagated with and without antiserum in the
Anaplasma marginale infection in young and	ANTENNAE	medium.
aged cattle.	The antennal origin of the neuro-endocrine	22705
	reflexes of the Dictyoptera Blaberidae and Blat-	Experimental contributions to the knowledge of
Effects of estrogens upon Anaplasma marginale infection in splenectomized cattle.	tidae. 22359	dermatitis pustulosa of sheep. VII. Investigations into the processes in the low temperature com-
22675	ANTHELMINTICS	plement binding reaction with dermatitis pustu-
Infectivity of Anaplasma marginale in bovine	Efficacy of Naphthalophos and Coumaphos	losa antigen.
blood after prolonged freezing.	against nematodes of goats.	Experimental contributions to the knowledge of
ANAPLASMA MARGINALE	22694	dermatitis pustulosa of sheep. VI. The specificity
Effects of washing with saline solution and nor-	Standardized chemotherapeutical tests for immature and mature Fasciola hepatica infections	of the complement binding reaction with
mal bovine plasma on the infectivity of	in sheep.	dermatitis pustulosa antigen. 22716
Anaplasma marginale in crythrocytes.	22759	22/10

Effect of the levo form of tetramisole on Oster-

tagia, Trichostrongylus, and Cooperia in cattle.

Control of coccidiosis in poultry.

3,422,200.

Round worms in pigs.

22649

22746

22324

22759

Patent

2277I

22772

22773

Experimental contributions to the knowledge of

dermatitis pustulosa of sheep.II.0THE behavior

of the complement fixation and of the infectious

Experimental contributions to the knowledge of

dermatitis pustulosa of sheep. I.Experiments concerning the purification of the dermatitis

pustulosa virus and the isolation of the comple-

antigen at various pH levels.

ment fixation antigen from the clementary bodies.	Results of pre-emergent aquatic herbicides in Illinois.	ship of these particles to the ones found in various Insecta Homoptera. 22505
Further investigations of the question of latent rabies infection in foxes.	Evaluation of diquat as an aquatic herbicide applied at 2 gallons per surface acre, under Minnesota conditions.	ATHALIA PROXIMA Studies on the biology of Athalia proxima Klug (Tenthredinidae; Hymenoptera).
Investigations concerning the immunobiological diagnosis of helminthiasis by means of simultane-	22586 Control of submerged aquatic weeds in rice	ATRAZINE 22449
ous intradermal tests with several different parasite antigens.	fields. 22604	Weed control in established alfalfa with soil-applied herbicides.
22767 ANTIRRHINUM The influence of volatile 2,4-D upon zinnias,	Eurasian watermilfoil (Myriophyllum spicatum L.) in the Tennesee Valley.	22556 Results of pre-emergent aquatic herbicides in Il-
snapdragons, and other bedding plants as affected by other gases such as SO2 and NH3.	Aquatic vegetation control in Louisiana.	linois. 22574
.NTISEPTICS Skin necroses in pigs caused by GR virex.	Effects of soil applied trifluralin on fish production in pools.	Effects of direct contact of pine seeds or young seedlings with commercial formulations, active ingredients, or inert ingredients of triazine herbicides.
22736	The influence of rooted aquatic plants on the dis-	22582
PHELENCHOIDES The effects of Aphelenchoides saprophilus, A. coffeae, Aphelenchus avenae and Panagrolaimus	solved oxygen content of water. 22805	Some changes in weed species in response to control methods and chemicals in Hawaii.
sp. on the cropping of cultivated mushroom.	Use of laboratory evaluations for aquatic herbi-	22600
22549	cides and algicides.	Weed control in young peach orchards.
PHIDIDAE A revision of the genus Takecallis Matsumura	New equipment developed by the Corps of Engineers for use in aquatic weed control.	Herbicide combinations.
(Homoptera: Aphididae).	22839	Effect of several herbicides on the proteolytic ac-
A new European species of Lysiphlebus (Hym. Aphididae).	ARBOVIRUSES Studies on the site of replication of vesicular sto-	tivity in squash.
22303 Supplementary information on the Aphididae	matitis virus. 22648	Interactions between atrazine residue and four herbicides: Amiben, CDAA, linuron, and triflu-
fauna of central Europe.	ARDEICOLA A review of North American Ardeicola (Mal-	ralin.
Tagging aphids.	lophaga: Philopteridae).	Herbicide persistence with different incorpora-
2.2319	ARGASIDAE	tors.
Contributions to the knowledge of host plants of middle German aphididae.	Two new species of argasid ticks (Ixodoidea, Argasidae) from Cuba.	ATTRACTANTS 22827
22397	22261	A pheromone-like dispersant affecting the local distribution of the European house cricket,
PHODIUS Pasture cockchafer control interim revised con-	ARSENIC Aquatic vegetation control in Louisiana.	Acheta domestica.
trol recommendation.	22615	AUTORADIOGRAPHY
PICULTURE Honey bees and the farmer.	ARTHROPODA On sampling and extracting technique for soil	Sites of incorporation of tritium uridine in the parenchyma cells of healthy leaves and leaves in-
22378	micro-arthropods. 22621	fected with yellow mosaic turnip virus, of Brassica chinesis.
PIS MELLIFERA Honey bees and the farmer.	ASCARIDAE	22813
22378 The determining factor in the stabilization of the	The relation between the liver reserves of vitamin A and some intestinal parasites in Dokki 4 chicks. (b). In chicks infested with Ascaridia	Utilization of 14C metabolites, incorporation of 32P and changes in respiration occurring in
acid content (hydroxy-10 decene-2 oique) in	galli. 22758	leaves from dalapon treated beans. 22819
the ovaries of Apis mellifica L.	ASCARIS	Translocation of herbicides in American pond-
POIDEA	Comparative evidence with dichlorvos and	weed (Potamogeton nodosus Poir.).
A neglected diagnostic character of the Apoidea (Hymenoptera).	derivatives of piperazine in the Ascaridosis of the pig.	AVENA FATUA
22421	22780	Factors affecting the activity of diallate. 22558
PPLES Fruit diseases in Illinois in 1967. 22509	ASCARIS LUMBRICOIDES A stable phosphorus compound in the body-wall muscle of Ascaris lumbricoides.	AVIAN ENCEPHALOMYELITIS Comparison of the resistance of different-aged
The hosts and life histories of three mirid bugs of economic importance with notes on their con-	22764 Shape deviations in eggs of Ascaris lumbricoides.	pheasants to eastern encephalitis virus from dif- ferent sources.
trol. 22543	Round worms in pigs.	AVIAN LEUKOSIS COMPLEX Avian leukosis from the point of view of avian
QUATIC ANIMALS A new effective flotation method for the collec-	ASCARIS LUMBRICOIDES SUUM	viral tumors.
tion of nidicolous parasites and other nest inhabitants.	The effects of experimental microascaridic infec- tions by Ascaris saum in guinea pigs subjected to total body X- irradiation J. D. 50/30	AVIAN MALARIA Pantothenic acid metabolism during avian
Control of the action of chemical molluscicides	total body X- irradiation LD 50/30.	malaria infection: Pantothenate kinase activity in duck erythrocytes and in Plasmodium lophurae.
on zoophytic associations in fresh water. 22798	ASCORBIC ACID Stabilization of aqueous solutions of the insect	22630
QUATIC INSECTS A new effective flotation method for the collection of nidicolous parasites and other nest inhabi-	chemosterilant m-Xylohydroquinone (m-XHQ) by vitamin C.	Characterization of the malaria pigment (hemozoin) from the avian malaria parasite Plasmodium lophurae.
tants.	ASPERGILLUS	22725
22293	Influence of temperature on the toxicity of dif-	AZINPHOSMETHYL
QUATIC PLANTS Aquatic herbicide. Patent 3,421,880.	ferent isolates of Aspergillus wentii Wehm. 22709	Pasture cockchafer control interim revised con- trol recommendation.
22598	ASTER YELLOWS	22540

On the presence of mycoplasma-like particles in the inner bark of plants damaged by diseases of the yellow type (Aster Yellow, Phyllody of clover, Stolbur of tomatoes) and on the relation-

BACILLUS ANTHRACIS
Effect of lysogenicity on the virulence of Bacillus

22741

anthracis.

AQUATIC WEEDS Environmental control at Boston-Logan Interna-

22563

tional Airport.

BACILLUS THURINGIENSIS

BACILLUS THURINGIENSIS Toxicity of bacterial spores to fly and mosquito larvae.	BENEFICIAL INSECTS Biological control of insects and weeds.	Fractionation and characterization of the plasm and mesosome membrane of Listeria mono
22439	22489	cytogenes. 2266
Induction of resistance to Bacillus thuringiensis in a laboratory strain of house flies.	BENEFIN Weed control in seedling alfalfa. 22602	Experimental pasteurellosis: Comparative studies on Pasteurella multocida from Asia, Africa
22471	BENZENE HEXACHLORIDE	and North America.
BACTERIA	Alterations in mitosis induced by isomers of hex-	2266
Chromatographic evidence for murein from the bacteroid symbiotes of Periplaneta americana	achlorocyclohexane. II. The delta isomer. The possible mechanism of action of hexachloro-	Some properties of the virus of duck plague. 2266
(L.).	cyclohexane.	Effect of different species of Trichomonads o
Acute and chronic Erysipelothrix rhusiopathiae	22568	monkey kidney cell cultures.
infection in rats.	Termite control measures in building construc-	The situation of the African will for
22659	tion.	The situation of the African swine fever virus i viral systematics.
Process of killing fungi, bacteria or nematodes.	22785	2268
Patent 3,422,197.	BIO-ELECTRIC POTENTIAL	Influence of temperature on the toxicity of di
22832	Transmembrane ionic gradients in Lepidoptera as related to cardiac electrical activity.	ferent isolates of Aspergillus wentii Wehm.
BACTERIAL DISEASES (ANIMALS)	22426	2270
Pathogenesis of three strains of Brucella suis in	Gamma aminobutyric acid changes in the spon-	Physico-chemical properties of avian reoviru
swine. 22651	taneous firing rates of insect neurons.	and its nucleic acid.
	22451	2272
Uterine infection in bovine paratuberculosis.	BIOCHEMISTRY	Experimental infections of Ostertagia ostertagi i
	Hemolymph proteins and reproduction in	 calves: Results of two regimens of multiple ir noculations.
Routes of elimination of Erysipelothrix insidiosa from infected swine.	Periplaneta americana: The nature of conjugated	2275
22749	proteins and the effect of cardiac-allatectomy on	Effect of the levo form of tetramisole on Oste
BACTERICIDES	protein metabolism.	tagia, Trichostrongylus, and Cooperia in cattle.
Bis-sulfonyl dihalomethanes as fungicides and	22346	2277
bactericides. Patent 3,426,138.	An investigation of Factor S, a neuromuscular	Investigation of the toxicity of fungicidal acroso
22828	excitatory substance from insects and crustacea.	to late blight (Phytophtora infestans (Mont.)d
BACTERIOLOGY		Bary) under laboratory conditions.
Pathogenesis of three strains of Brucella suis in	Nitrogen and phosphorus content of greenbugs reared on fertilized wheat.	2280
swine.	22383	Method for modifying the growth characteristic
22651	Can insect hormones and their mimics be used to	of plants. Patent 3,421,881.
BACTERIOPHAGES	control pests .	2281
Effect of lysogenicity on the virulence of Bacillus anthracis.	22390	Utilization of 14C metabolites, incorporation of
22741	Calculating the grade of effectiveness of a	32P and changes in respiration occurring i leaves from dalapon treated beans.
BARLEY	microbiological control action against insect	2281
Varietal resistance of winter barley to loose smut	pests.	New legal bases in plant protection.
of barley (Ustilago nuda (Jens.) Rostr.).	22395	2284
22493	Purification of the brain hormone of the silk-	BIOLOGICAL ASSAY
Penetration and distribution studies in bean, cot-	worm Bombyx mori.	Antifeeding effect of DDT on bollworm an
ton and barley from foliar and root applications	22414	tobacco budworm larvae.
of Tween 20-C14 (fatty acid and oxyethylene	Effect of diet on the lipid composition of the cockroach Blaberus discoidalis.	2236
labeled). 22823	22427	Effect of endrin and trichlorfon applied in artif
BATS	Central nervous system control of circadian	cial diet against larvae of sugar-cane bord Diatraea saccharalis (F.) (Lep., Pyralidae).
Two new species of argasid ticks (Ixodoidea, Ar-	rhythmicity in the cockroach. I. Role of the pars	2241
gasidae) from Cuba.	intercerebralis.	Purification of the brain hormone of the silk
22261	22433	worm Bombyx mori.
BEANS	Isolation of the population aggregating	2241
A laboratory method for continuously rearing	pheromone of the southern pine beetle.	Toxicity of selected insecticides against adu
the green stink bug.	22441	striped horse flies in laboratory tests.
	The determining factor in the stabilization of the	2247
Utilization of 14C metabolites, incorporation of 32P and changes in respiration occurring in	acid content (hydroxy-10 decene-2 oique) in	A virus of tabacco rattle group naturally occur
leaves from dalapon treated beans.	the ovaries of Apis mcIlifica L.	ring in Plantago sp. in tezechoslovakia.
22819	Gamma aminobutyric acid changes in the spon-	Potential fungicides.
Penetration and distribution studies in bean, cot-	taneous firing rates of insect neurons.	2251
ton and barley from foliar and root applications	22451	Bioassay evaluation of heptachlor, isobenzar
of Tween 20-C14 (fatty acid and oxycthylene	Determination of the suitability of a microdoser	and diazinon used against the alfalfa weevil i
labeled). 22823	for topical application of insecticides to the	Northern Utah.
BEE VENOM	Colorado potato beetle.	2252
The influence of bee venom on the osmotic	22458	Factors affecting the activity of diallate.
fragility of young rabbit RBC.	Integrated plant protection in fruit growing.	2255
22799	22492	Phragmites control in Delaware, 1965.
BEEF CATTLE	Results of pre-emergent aquatic herhicides in Il-	2257
Pathology of pneumonia in intensively-reared	linois. 22574	Environmental variables and weed control wit
calves.	Composition and method for controlling un-	pyrazon in sugar beets.
22731	desirable plant growth. Patent 3,425,821.	
BEES The dance of the boss	22596	Influence of soil type on the tolerance of sugar cane to fenac.
The dance of the bces.	Effects and possibilities of using coumarin	2259
BEETS	preparations in rodent control.	Bioassay evaluation of depth distribution of in
Surfactant toxicity to plant tissues.	22618	corporated soybean preemergence herbicides.
22806	The effect of DDT on reproduction in mice.	2260.
BEMISIA TABACI	22619	Direct assay for bluetongue virus by intravascu
Three new species of Phytoseiid mitcs preying on	Effects of washing with saline solution and nor-	Direct assay for bluetongue virus by intravascular inoculation of embryonating chicken eggs. 2265
the cotton white fly, Bemisia tabaci in the Sudan	mal bovine plasma on the infectivity of	
(Acarina: Phytoseiidae).	Anaplasma marginale in crythrocytes.	Persistance of trifluralin in soil.

22256

22649

Penetration and accumulation of fenuron in forest soils.	BLACK ROT Production of ethylene by sweet potato roots infected by black rot fungus.	BOMBUS Contributions to the biology of the bumble bee. 22387
Surfactant toxicity to plant tissues.	BLAST (RICE)	BOMBYX MORI Purification of the brain hormone of the silk-
Use of laboratory evaluations for aquatic herbi- eides and algicides.	Pentaehlorobenzyl aleohol, acetate, propionate and butyrate for combatting rice blast. Patent	worm Bombyx mori. 22414
22811 BIOLOGICAL CONTROL (INSECTS)	3,426,135. 22515	Light reflexes of eaterpillars of Bombyx mori L. (Lepid.).
Biological control of insects and weeds.	BLATTIDAE Australian Blattidae (Blattodea). VIII. The Platyzosteria group; subgenus Melanozosteria	BORDEAUX MIXTURE
Systemic insecticides evaluated for two-spotted mite control on greenhouse eucumbers.	Stal. 22304	Control peach leaf eurl. 22511
22532 BIOLOGICAL CONTROL (PESTS)	On the occurrence of fossil insects in the mesozoic rocks of western Australia.	BOTRYTIS CINEREA Botrytis stem rot. How to control it. 22506
Manifestations of competition in parasite complexes as a problem in biological pest control.	The antennal origin of the neuro-endoerine reflexes of the Dietyoptera Blaberidae and Blat-	BOVINE ENTEROVIRUSES Isolation and characterization of bovine enteric
The principle of integrated plant protection. 22491	tidac. 22359	viruses. 22688
BIOLOGICAL CONTROL (WEEDS) Biological control of insects and weeds.	Localization of the nuclear origin in the paraear- diac nerves of Dietyoptera Blaberidae and Blat- tidae.	BOVINE PAPULAR STOMATITIS VIRUS The infection spectrum of the stomatitis papulosa virus.
22489	22360	22685
IOLOGICAL LABORATORIES Investigation of the toxicity of fungicidal acrosols to late blight (Phytophtora infestans (Mont.)de	The post-eephalie stomodial nervous system of Sehistoeerea gregaria Forsk. (Orthoptera) and Blabera craniifer Burm. (Dictyoptera).	BOVINE VIRUS DIARRHEA VIRUS Bovine virus diarrhea in Italy. I. Isolation and characterization of the virus.
Bary) under laboratory conditions.	BLOOD	22641 Cytopathologie changes of lymphatic tissues of
Biological observations on 53 species of the su-	Egg production of house-fly adults fed human blood containing various supplements.	cattle with the bovine virus diarrhea-mueosal dis- ease complex.
perfamilies, Chaleidoidea and Proctotrupoidea, from Japan (Hymenoptera: Apoerita).	22384	22703
IOPHYSICS 22284	The regulation of osmotic pressure in Galleria mellonella L.	BRACONIDAE The Alysiinae (Hym. Braeonidae) parasites of the Agromyzidae (Diptera). VI. The parasites of
Some properties of the virus of duck plague. 22668	Acute and chronic Erysipelothrix rhusiopathiae infection in rats.	Cerodontha rondani s. i.
Physico-ehemical properties of avian reovirus and its nucleie acid.	22659 Infectivity of Anaplasma marginale in bovine	A revision of the genus Microgaster latreille (Hymenoptera: Braconidae).
IOSYNTHESIS	blood after prolonged freezing.	22314 Notes on the genera Cosmophorus and Orgilus in
Evidence for a methionine-controlled homoserine dehydrogenase in Salmonella ty-	BLOOD ANALYSIS A case of eperythrozoonosis suis and its dif-	Japan with description of a new species (Hymenoptera, Braeonidae).
phimurium. 22639	ferential diagnostic significance in relation to suspected swine fever.	BRAIN 22342
IOTIN Disrupted fertility of the hidebeetle Dermestes maeulatus (Deg.) due to dietary overdose of	22678 Methyl parathion adsorbed on the skin and blood	Purification of the brain hormone of the silk- worm Bombyx mori.
biotin. 22372	cholinesterase levels of persons eheeking cotton treated with ultralow-volume sprays.	BREEDING Culiseta melanura (Coquillett) breeding in artifi-
IRD CONTROL	BLOOD MEAL	eial eontainers.
Environmental control at Boston-Logan International Airport.	Seasonal succession of bloodsucking Diptera in Wisconsin during 1965.	22465 A preliminary report on the breeding sites and
1RD PESTS 22563	Significance of fluctuating humidities and	incidence of Aedes in Delhi.
Sapsueker damage to ponderosa pine.	frequency of blood meals on the survival of the spiny rat mite, Echinolaelaps eehidninus (Ber-	Varietal resistance of winter barley to loose smut of barley (Ustilago nuda (Jens.) Rostr.).
IRDS	lese).	22493
A gynandromorph of Oxylipeurus mesopelios (Nitzsch) (Mallophaga) from Phasianus eolehieus L	BLOOD PARASITES Seasonal succession of bloodsucking Diptera in	Effects of progesterone treatments on delayed implantation in mink.
Pharmaeologic properties of a slobber-inducing	Wisconsin during 1965. 22245	BREVICORYNE BRASSICAE Emergence of parasites associated with the
myeotoxin from Rhizoetonia leguminicola. 22647	Susceptibility of tissue culture eells to foot-and-	eabbage aphid during a ehemical-control program.
Three new species of bird mites (Analgoidae) parasites of Proeellariiformes.	mouth disease virus: Concentration of bovine serum in culture medium.	BROMACIL 22400
Parasitic nematodes of birds of the order Colym-	BLOOD TRANSFUSIONS Blood transfusions during patent bovine anaplas-	Weed control in established alfalfa with soil-applied herbicides.
biformes in Czechoslovakia.	mosis. 22746	Dodder:Potential research tool.
Bird ectoparasites from South Farallon Island, California.	BLUETONGUE VIRUS Cytopathologie changes and development of in-	BROMUS TECTORUM Wood control in established elfolfo with coil az
LABERUS DISCOIDALIS	clusion bodies in eultured eells infected with bluetongue virus.	Weed control in established alfalfa with soil-applied herbieides.
Effect of diet on the lipid composition of the	22635	22556
eockroach Blaberus discoidalis. 22427 LACK RING SPOT (CABBAGE)	Direct assay for bluetongue virus by intravaseu- lar inoculation of embryonating chicken eggs. 22656	BRUCELLA MELITENSIS Rev. I Brucella melitensis vaecine. The stability of the degree of attenuation.
Impatiens parviflora DC A natural host of	BOATS New equipment developed by the Corps of En-	Rev. 1 Brucella melitensis vaccine. Serological
eabbage black ringspot and cucumber mosaie viruses.	gineers for use in aquatic weed control.	reactions in Maltese goats.

BRUCELLA SUIS

BRUCELLA SUIS Pathogenesis of three strains of Brucella suis in	CALVES Isolation and experimental infection of calves	CARBON TETRACHLORIDE Standardized chemotherapeutical tests for im-
swine. 22651	with parainfluenza-3 virus. 22626	mature and mature Faseiola hepatica infections in sheep.
BRUCHIDAE Reflections on the estimation of food losses due to Bruchidae (Coleoptera).	The infection spectrum of the stomatitis papulosa virus.	CASTRATION The effect of castration on the ventral neu-
BRUSH CONTROL The woody plant nurserya useful tool for	CANINE DISTEMPER Manufacture of a live canine hepatitis vaccine.	rosecretion cells of the infraesophageal ganglion in the phasmid, Carausius morosus (Phasmidae-
evaluation of herbicides.	CANINE DISTEMPER VIRUS	Orthoptera). 22429
A new small multiple tree technique for assessing the effects of herbicides on woody plants. 22585	Fluorescent antibody technique as a diagnostic test for canine distemper infection: Detection of viral antigen in epithelial tissues of experimen-	CATALOGS Diptera from Nepal. Anthomyridae. 22251
Recent developments in the control of woody weeds in New Zealand.	tally infected dogs. 22654	Revision of Palaearctic species of Eusandalum Ratz, Hym., Eupelmidae).
22588 Control of Whitebrush (Aloysia lycioides Cham.) with picloram.	CANINE HEPATITIS VACCINES Manufacture of a live canine hepatitis vaccine. 22672	The Dermaptera of the Naturhistoriska Riksmuseum, Stockholm. Part III.
22592	CARBAMATES N-methyl 3-methyl-5-ethyl phenyl carbamate as	22260 The Indo-Oriental tribe Cheritrini (Lepidoptera:
Phragmites control in Delaware, 1965.	an insecticide Patent 3,422,198.	Lycaenidae).
BUILDINGS 22570	Effect of temperature and humidity on the	Hymenoptera from Turkey. Sphecidae, 1.
Termite control measures in building construction.	susceptibility of bedbugs to insecticides.	A revision of the Tertiary fossil species of the Kalotermitidae (Isoptera).
BUPRESTIDAE	Search for more rice. 22521	22270
Notes on Buprestidae (Coleoptera): Part VI. 22311 BUTTERFLIES	Acaricidal composition containing N-substituted and unsubstituted alkyl and alkenyl-2-	The Alysiinae (Hym. Braconidae) parasites of the Agromyzidae (Diptera). VI. The parasites of Cerodontha rondani s. i.
A new Tortricida from central Europe (Lep. Tortricidae).	dimethylamino-benzhydrylcarbamates. Patent 3,422,199.	22272 Recent Hemipters of the Construction of
22279	CARBARYL 22835	Recent Hemiptera of the Canary Islands. 22277
Sun orientation during migration in some British butterflies.	Emergence of parasites associated with the cabbage aphid during a chemical-control pro-	A revision of the genus Takecallis Matsumura (Homoptera: Aphididae).
Notes on Argentine butterfly migration, 1965-	gram. 22400	Palton expedition 1041 (Lanidanters)
66. 22405	Effect of temperature and humidity on the	Paltsa expedition 1964 (Lepidoptera). 22286
Manifestations of competition in parasite complexes as a problem in biological pest control.	susceptibility of bedbugs to insecticides. 22455 Search for more rice.	Additions and corrections to the British list of Atomaria s. str. (Col., Cryptophagidae), including a species new to science.
BUTYRIC ACID	22521	22288
The effects of three formulations of butyric herbicides on newly-seeded and established stands of alfalfa.	Effects of lindane and carbaryl on insects, soil and plant nitrogen, and grain yield of rice. 22522	The identity of Brachypterolus linariac (Stephens) (Col., Nitidulidae), with notes on its occurrence in Britain.
22577	Pasture cockchafer control interim revised con-	Stenohothrus (Stenobothrodes) cotticus nov.
BYRSOTRIA FUMIGATA A laboratory investigation of maturation in the Cuban burrowing cockroach Byrsotria fumigata	trol recommendation. 22540 Studies on pesticide residues. 2. Carbaryl	spec., a new grasshopper from the French Alps (Orthoptera, Acrididae).
(Guerin). 22392	residues in the body tissues and milk of cattle fol- lowing dermal application.	A revision of the genus Periope Haliday with
CABBAGE Impatiens parviflora DCA natural host of	22794	description of a new species (Hymenoptera, Ichneumonidae).
cabbage black ringspot and cucumber mosaic viruses.	CARBON Influence of some aminotriazine herhicides on	22297 Contribution to the knowledge of the Bornean
22508	some soil fungi. 22593	Psenini (Hymenoptera, Sphecidae).
Isolation and some physiological properties of natural plant growth inhibitors. 22825	CARBON COMPOUNDS Utilization of carbon compounds by Fusarium solani f. aurantifoliae Bhat, and Prasad.	A new Photinus firefly, with notes on mating behavior and a possible case of character dis-
CALCIUM Evidence for the appearance of calcium in	22494	placement (Coleoptera: Lampyridae).
muscle fibers by the chlorating action of potassi- um and the toxin of scorpion venom (Androc- tonus australis).	CARBON DIOXIDE C02:02 ratios in relation to weed seed germination.	Insect catalogs of Sweden. XVIII. Coleoptera, 1960.
CALCIUM CYANAMIDE	CARBON ISOTOPES 22821	Australian Blattidae (Blattodea). VIII. The
The action of calcium cyanamide on some fungus predators of nematodes.	Utilization of 14C metabolites, incorporation of 32P and changes in respiration occurring in	Platyzosteria group; subgenus Melanozosteria Stal. 22304
CALCIUM HYDROXIDE 22553	leaves from dalapon treated beans.	Thysanura in Caernarvonshire. 22307
Skin necroses in pigs caused by GR virex.	Translocation of herbicides in American pondweed (Potamogeton nodosus Poir.).	Notes on Buprestidae (Coleoptera): Part VI.
CALIFORNIA Tick paralysis in California livestock.	Penetration and distribution studies in bean, cot-	Notes on Cecidomyidae, 1.
CALLIPHORIDAE 22754	ton and barley from foliar and root applications of Tween 20-C14 (fatty acid and oxyethylene	A review of the tribe Rutiliini (Diptera: Tachin-
Angioneura acerba (Meigen, 1838) (Diptera, Calliphoridae) new to Britain.	labeled). 22823	idae) I. Genera other than Rutilia Robineau- Desvoidy and Formosia Guerin-Meneville.
Fine structure of the tip of chemosensitive hairs	Translocation and persistence of dicamba in Canada thistle, tartary buckwheat, quackgrass	22318 Genera and species of the Dermaptera. 5. Spon-
in two blow flies and the stable fly.	and Kentucky bluegrass.	giphorinae and Labiinae.

22826

22457

Lectotype designations of Cerambycidae in the Museum d' Histoire Naturelle, Paris (Coleop-

22264

tera).

22746

Genera and species of the Dermapter icominae, Vandicinae, Strongyle Nesogastrinae, Isopyginae and Sp	opsalinac,	Experimental pasteurellosis: Comparative stu- dies on Pasteurella multocida from Asia, Africa, and North America.	Experimental infections of Ostertagia ostertagi i calves: Results of two regimens of multiple ir noculations.
(Labildae).		22666	2275
Heteronychia (Spatulapica) slovaca s		Anaplasma marginale infection in young and aged cattle.	Effect of the levo form of tetramisole on Oster tagia, Trichostrongylus, and Cooperia in cattle.
notes on the taxonomy of Heteronchi lapica) rodendorfi (Povolny and Sla 1959) (Diptera).	meckova,	Effects of estrogens upon Anaplasma marginale infection in splenectomized cattle.	The location of the parasites in muscle cystices cosis.
CASC Division	22322	22675	2277
An index-catalogue of African Phaner (Orthoptera: Tettigoniidae).	22323	Comparative fluorescence-immunological and cytopathological studies with various virus strains of the mucosal disease of cattle.	Infectivity of Anaplasma marginale in bovin blood after prolonged freezing.
The types and taxonomy of the Nature Seckenberg 38: Insecta Lepidoptera He		22676 Uterinc infection in bovine paratuberculosis. 22677	Survival of infective larvae of the cattle no matodes, Cooperia punctata, Trichostrongylu axei, and Oesophagostomum radiatum.
Lipokophila chinai gen. n., sp. n A nev Plokiophilidae (Heteroptera) from Braz	zil.	Comments on some mechanisms of antibody production in bovine leptospirosis,	2278 Field investigations of claims against herbicides.
The Dipterous genus Diostracu	22335 s Loew	22682	Studies on pesticide residues. 2. Carbary
(Dolichopodidae).	22337	lsolation and identification of a further new bovine herpes virus.	residues in the body tissues and milk of cattle following dermal application.
Notes on the Indo-Australian Basicero	otine ants	Pseudocowpox in Germany.	2279
(Hymenoptera: Formicidae). Notes on the genera Cosmophorus and	22338 Orgilus in	22684 Differential diagnosis of bovine stomatitis of viral	CECIDOMYIIDAE Golanudiplosis japonicusa new midge attackin comstock mealybug in Japan (Diptera
Japan with description of a new		origin. 22686	Itonididae).
(Hymenoptera, Braconidae).	22342	Isolation and characterization of bovine enteric	Notes on Cecidomyidae, 1.
Notes on the name Leptopiinae (Co		viruses.	2231
Curculionidae).	22345	22688 Isolation and identification of Clostridium	Investigations concerning gall gnats. VI. Th
Observations on the alpine fauna of C and its origin.		hemolyticum in cattle in Florida.	justification of the genus Nouryodiplosis Tavare 1929.
and its origin.	22412	Experimentally induced bovine psoroptic acaria-	Changes in the population of Cecidomyiidae.
Mites as house vermin and storage northwest Germany.	pests in	sis in a rabbit.	A small contribution concerning the knowledg
ATARACTS	22787	Effect of toxin in bovine mycoplasmal mastitis. 22700	of Cecidomyiidae.
On reproduction studies and the occu cataracts in rats after long-term feeding		Cytopathologic changes of lymphatic tissues of cattle with the bovine virus diarrhea-mucosal dis-	CECIDOPHYES RIBIS The red currant gall mite, Cccidophyopsi
secticide heptachlor.	22803	ease complex.	sclachodon n. sp. 2227
ATERPILLARS		Pathogenesis of coliform mastitis in cattle. II. A	CELERY
Light reflexes of caterpillars of Bomby (Lcpid.).	x mori L. 22446	comparison of morphological findings in coliform mastitis in cattle and in the experimen-	Herbicide/surfactant combinations for celer seedbeds.
ATS	22440	tally induced arthus phenomenon in the mamma- ry glands of rabbits.	CELL NUCLEUS
Ocular toxoplasmosis in cats.		22707	Preliminary studies on the existence of chro
The number of Ashurestrangulus shotsu	22740	Problems of bovine leucosis.	matin vesicles differentiated in the nuclei of trophocytes of Ephestia kukniella Z. (Lepidop
The number of Aelurostrongylus abstru required to produce pulmonary disea cat.		Interferon production with strain SF-4 of parain-	tera).
	22763	fluenza-3 virus.	CELL WALL
ATTLE Preparation and characterization of	a soluble	Experimental Streptococcus agalactiae mastitis in cattle: Attempts to superimpose the organism	Chromatographic evidence for murein from th bacteroid symbiotes of Periplaneta american (L.).
Anaplasma marginale antigen.	22625	in lactating glands harboring unrelated bacterial infections and in glands with experimentally in-	2238 Immunisation with staphylococcal cell wall
Studies of pneumoenteritis in cattle.	22632	duced sterile inflammation.	against mastitis.
Foot-and-mouth disease.		Experimental Pseudomonas aeruginosa mastitis	CELLS 2272
Phalaris staggers need not be a bogey.	22633	in cattle. 22714	Investigations on an avian adenovirus.
	22636	Light and electron microscopic examinations of	Surfactant toxicity to plant tissues.
Besnoitiosis and other skin diseases (Bos indicus) in Uganda.	of cattle	a new bovine herpes virus.	CENTRAL NERVOUS SYSTEM
Bovine virus diarrhea in Italy. 1. Isola	22637 ation and	Fluorescent antibody studies of Vibrio fetus: Staining characteristics in scmen, preputial exu-	CENTRAL NERVOUS SYSTEM Light-inhibition of flashing in the firefly Photuri missouriensis.
characterization of the virus.	22641	date, and pure culture.	2236
Effects of washing with saline solution		Two morphologically different types of lympho-	Phalaris staggers need not be a bogey. 2263
mal bovine plasma on the infec Anaplasma marginalc in crythrocytes.		cytes in cattle.	CEPHUS CINCTUS
rampiasma marginale in crytinocytes.	22649	The behavior of macronucleolar and	A mechanical harvester for collecting larvae of the wheat stem sawfly.
Results of continuous low-level inoculat Eimeria bovis in calves.	tions with	polynucleolar lymphocytes in bovine leukosis. 22738	2253
	22655	Electron-microscopic findings in the lingual mu-	CERAMBYCIDAE Lectotype designations of Cerambycidae in th
Survival of foot-and-mouth disease bovine hides.		cosa of healthy and foot-and-mouth diseased cat- tle.	British Museum (Natural History) (Coleoptera) 2226
	22657	22742	Lectotype designations of Cerambucidae in th

Blood transfusions during patent bovine anaplas-

Experimental transmission mycoplasma in calves and turkeys.

of

bovine

CERATOCYSTIS

A brood of Callidium texanum Schaeffer (Cerambycidae).	Search for more rice.	Phragmites control in Delaware, 1965.
22468 CERATOCYSTIS	Effects of lindane and carbaryl on insects, soil	Control of weeds in maize fieldsa review.
Production of ethylene by sweet potato roots in fected by black rot fungus.		The thin-layer effect and the herbicidal action of
22812	and diagnost used against the altalla weevil in	3,4-dichlorobenzyl methylcarbamate. 22573
CERATOPHYLLUM DEMERSUM Evaluation of diquat as an aquatic herbicide ap	Northern Utah. 22523	Results of pre-emergent aquatic herbicides in Il- linois,
plied at 2 gallons per surface acre, under Minnesota conditions.	The armyworm Pseudaletia unipuncta Haworth in Ontario in 1964	22574
22586 CERATOPOGONIDAE	22525	The woody plant nurserya useful tool for evaluation of herbicides.
Feeding and parasitism in gnats (Dipt.), also	Red mite control in Hawke's Bay orchards. 22529	The effects of three formulations of butyric her-
some finds.	Systemic insecticides evaluated for two-spotted mite control on greenhouse cucumbers.	bicides on newly-seeded and established stands of alfalfa.
CESTODA Investigation of the helminthofauna of beasts of	22532	. 22577
prey. 22779	Control of red spider mite on soya bean. 22535	Rooting of grasses as affected by siduron. 22581
CHALCIDOIDEA Biological observations on 53 species of the su-	Aerial pest control. 22536	Incorporation of herbicides in mulches. 22584
perfamilies, Chalcidoidea and Proctotrupoidea		A new small multiple tree technique for assessing the effects of herbicides on woody plants.
from Japan (Hymenoptera: Apocrita).	22539	22585
CHAMBERS Maintenance and use of controlled environment	Pasture cockchafer control interim revised con- trol recommendation.	Evaluation of diquat as an aquatic herbicide applied at 2 gallons per surface acre, under Min-
chambers.	22540	nesota conditions. 22586
CHARA	economic importance with notes on their con-	Recent developments in the control of woody weeds in New Zealand.
Results of pre-emergent aquatic herbicides in Il- linois.	22543	22588
Control of submerged aquatic weeds in rice	The state of the s	Chemical control of Alhagi camelorum. 22589
fields.	by vitamin C.	Azak - a new crabgrass herbicide.
CHELATION	Insects cost us money.	Environmental variables and weed control with
Use of laboratory evaluations for aquatic herbi- cides and algicides.	CHEMICAL CONTROL (NEMATODES)	pyrazon in sugar beets. 22591
CHEMICAL ANALYSIS	Effect of the levo form of tetramisole on Oster- tagia, Trichostrongylus, and Cooperia in cattle.	Control of Whitebrush (Aloysia lycioides Cham.) with picloram.
Evidence for the appearance of calcium in muscle fibers by the chlorating action of potassi		22592 Influence of soil type on the tolerance of sugar-
um and the toxin of scorpion venom (Androctonus australis).	TOTAL CONTRACTOR OF THE CONTRA	cane to fenac.
22459	Effects and possibilities of using coumarin	Chemical weed control in potato (Solanum tu-
Studies on pesticide residues. 2. Carbary residues in the body tissues and milk of cattle fol	preparations in rodent control. 22618	berosum L.)a review. 22595
lowing dermal application.	CHEMICAL CONTROL (PLANT DISEASES) Control peach leaf curl.	Herbicide/surfactant combinations for celery seedbeds.
New herbicides analyzed at the Instituto Biologico during the years of 1966, 1967 and 1968.	22511	22599
22834	22520	Some changes in weed species in response to control methods and chemicals in Hawaii.
Emergence of parasites associated with the		Weed control in young peach orchards.
cabbage aphid during a chemical-control pro- gram.	The continuing struggle against weeds	Weed control in seedling alfalfa.
Effect of temperature and humidity on the	22527	22602
susceptibility of bedbugs to insecticides.	on lettuce.	Adapting chemical weed control programs to meet orchard conditions.
Determination of the suitability of a microdoser	Weed control in established alfalfa with soil-ap-	22603 Control of submerged aquatic weeds in rice
for topical application of insecticides to the Colorado potato beetle.	plied herbicides.	fields. 22604
22458 Evaluation of topically applied dimethoate for	Observations on the use of preplant herbicides in	Bioassay evaluation of depth distribution of in-
control of lilac leaf miner.	22557	corporated soybean preemergence herbicides. 22605
Toxicity of selected insecticides against adult	ractors affecting the activity of diamate.	Effect of 2,4-D on crop weed competition in wheat.
striped horse flies in laboratory tests.	Atmospheric fumigation of dormant and non- dormant weed seed.	22606 Eurasian watermilfoil (Myriophyllum spicatum
The use of insecticides for control of mosquite larvae in Denmark.	22561	L.) in the Tennesce Valley.
22482	States.	Use of hormone weedkillers near vineyards.
Aerial spraying boosts jute output. 22486	22562 Environmental control at Boston-Logan Interna-	Weeds worth watching The soursobs .
New injection system for killing or curing trees. 22488	tional Airport.	22611
Integrated plant protection in fruit growing. 22492	Orchard weed control programs for 1968.	Processing pea responses to MCPB applications at different growth stages. 22612
An estimate of the area of Danish forestry which	Clobber - post-emergence weed killer.	Investigations with paraquat (Gramoxone) as a
is treated with pesticides other than herbicides. 22518	22567 Use of Bipyridyl and Triazine herbicides in rasp-	herbicide for weed control in low-grown tea. 22613
Setting up a method for control of clover weevils. 22519	berries.	Herbicide combinations. 22614
22317		

Aquatic vegetation control in Louisiana.	22615	CHICK EMBRYOS	Interactions between atrazine residue and four herbicides: Amiben, CDAA, linuron, and triflu-
Use of laboratory evaluations for aquatic	herbi-	Studies on staphylococcosis in chickens. II. Pathogenicity of staphylococcus aureus of	ralin.
cides and algicides.	22811	chicken origin for various experimental animals. 22681	CHLOROALLYL DIETHYLDITIIIOCARBA-
Translocation and persistence of dican	nba in	CHICKENS	MATE, 2- The effects of petroleum mulch and herbicides
Canada thistle, tartary buckwheat, quac and Kentucky bluegrass.		The sterilizing action of parathion on the ovaries of quail and chicken embryos in in vitro culture.	on lettuce.
	22826	22424	CIILOROPHYLLS
Herbicide persistence with different inco- tors.	orpora-	The relation between the liver reserves of vitamin A and some intestinal parasites in Dokki	Use of Bipyridyl and Triazine herhicides in rasp-
	22827	4 chicks. (a). In chicks affected with cecal coccidiosis.	berries. 22569
HEMICAL REACTIONS		22627	CHLOROPIDAE
Potential fungicides.		The dynamics of antibody against Eimeria tenel-	Two new and economically significant
	22514	la under the fluorescent microscope.	Chloropidae, with the description of a new genus
THEMICALS		22642	(Diptera). 22326
The regulation of osmotic pressure in G	ialleria	Direct assay for bluetongue virus by intravascu-	CHLOROPLASTS
mcllonella L.	22428	lar inoculation of embryonating chicken eggs. 22656	Partitioning and distribution of herhicides in
	22420		spinach chloroplasts.
Legislation for aerial spraying.	22405	Studies on staphylococcosis in chickens, II. Pathogenicity of staphylococcus aureus of	22815
	22485	chicken origin for various experimental animals.	Partitioning and distribution of herbicides in
HEMISTRY		22681	spinach chloroplasts.
N-methyl 3-methyl-5-ethyl phenyl carban	nate as	Replication of infectious laryngotracheitis virus	22816
an insecticide Patent 3,422,198.	22357	in chicken kidney cell culture.	Inhibition of the Hill reaction of isolated
		22691	chloroplasts by amide-containing herbicides.
Flavianic acid as a hatching and stime	ulating	Investigations on an avian adenovirus.	22817
agent for Heterodera rostochiensis cysts.	22548	22699	CHOLINE Dietary choline requirements for sperm motility
Process for the control of nametoday		Physico-chemical properties of avian reovirus	and normal mating activity in Drosophila
Process for the control of nematodes petroleum oil and water emulsions.		and its nucleic acid.	melanogaster.
3,426,126.	. accint	22724	22396
	22552	The relation between the liver reserves of	CHOLINESTERASES
Herhicidal 1-substituted	2,4,5-	vitamin A and some intestinal parasites in Dokki 4 chicks. (b). In chicks infested with Ascaridia	Methyl parathion adsorbed on the skin and blood
tribromoimidazoles. Patent 3,423,420.		galli.	cholinesterase levels of persons checking cotton
	22560	22758	treated with ultralow-volume sprays.
2-Trichloromethylbenzoxazole as a her	bicide.	Studies on Eimeria mivati in chickens and a com-	CHORISTONEURA PINUS
Patent 3,423,200.		parison with Eimeria acervulina.	A staining technique for jack-pine budworm egg
	22575	22766	masses.
Herbicidal composition. Patent 3,425,820.		CHILO SUPPRESSALIS	22415
	22580	Effects of lindane and carbaryl on insects, soil	CHROMATIN
Aquatic herbicide, Patent 3,421,880.		and plant nitrogen, and grain yield of rice.	Preliminary studies on the existence of chromatic varieties differentiated in the nuclei of
	22598	A study on changes in larval and pupal densities	matin vesicles differentiated in the nuclei of trophocytes of Ephestia kukniella Z. (Lepidop-
Rabies vaccine and process for prepa	aration	of the rice stem borer, Chilo suppressalis Walker,	tera).
thereof. Patent 3,423,505.	22646	in its first generation.	22403
		22534	CHROMATOGRAPHY
Bis-sulfonyl dihalomethanes as fungicide bactericides. Patent 3,426,138.	es and	CHINESE CABBAGE	Chromatographic evidence for murein from the
	22828	Sites of incorporation of tritium uridine in the parenchyma cells of healthy leaves and leaves in-	bacteroid symbiotes of Periplaneta americana (L.).
Triazines. Patent 3,423,409.		fected with yellow mosaic turnip virus, of Bras-	22382
	22829	sica chinesis.	Effect of diet on the lipid composition of the
Adsorption of herbicides to proteins.		22813	cockroach Blaberus discoidalis.
	22830	CHIRONOMIDAE	22427
Fungicidal compositions containing copp-	er bis-	The uptake of Strontium 90 by Chironomus	Isolation of the population aggregating
dimethyl acrylate. Patent 3,426,132.		varus. 22416	pheromone of the southern pine beetle.
	22831	CHLORDANE	
Process of killing fungi, bacteria or nema	atodes.	Termite control measures in building construc-	Evidence for a methionine-controlled homoserine dehydrogenase in Salmonella ty-
Patent 3,422,197.		tion.	phimurium.
	22832	22785	22639
Water dispersible powdered pesticide co	oncen-	CHLORINATED HYDROCARBONS	Utilization of 14C metabolites, incorporation of
trates. Patent 3,421,882.	22833	Effect of temperature and humidity on the susceptibility of bedbugs to insecticides.	32P and changes in respiration occurring in leaves from dalapon treated beans.
		22455	22819
Acaricidal composition containing N-substand unsubstituted alkyl and alke		Aerial spraying boosts jute output.	Penetration and distribution studies in bean, cot-
	Patent	22486	ton and barley from foliar and root applications
3,422,199.		Search for more rice.	of Tween 20-C14 (fatty acid and oxyethylene
	22835	22521	labeled).
Pesticidal preparations and compounds.	Patent	Termite control measures in building construc-	Translocation and persistence of dicamba in
3,423,470.	11974	tion.	Canada thistle, tartary buckwheat, quackgrass
	22836	22785	and Kentucky bluegrass.
Pesticidal preparation and method of use. 3,421,883.	ratent	CHLORINE Adsorption of herbicides to proteins.	22826
	22837	Adsorption of herbicides to proteins.	CHROMOSOMES
HEMORECEPTORS		CHLORO-N-ISOPROPYLACETANILIDE, 2-	The relation between inversion heterozygosity
Fine structure of the tip of chemosensitive	e hairs	Herbicide combinations.	and dominant lethality in Drosophila pseudoob- scura.
in two blow flies and the stable fly.		22614	22476
	22457	CHLORO-N,N-DIALLYLACETAMIDE, 2-	Multiple core complexes in grasshopper sper-
HEMOSTERILANTS		Technique to study the movement of CDAA	matocytes and spermatids.
Stabilization of aqueous solutions of the		from a granule into soil.	22478
chemosterilant m-Xylohydroquinone (m- by vitamin C.	AHQ)	Herbicide combinations.	Antigenic variation in Vibrio cholerae resulting from chromosomal transfer by conjugation.
	22752	22614	22631

CHRYSANTHEMUM

Cytogenetic alterations in swine kidney cells	
sistently infected with hog cholera virus	
propagated with and without antiserum in	the
medium.	3705

CHRYSANTHEMUM

The hosts and life histories of three mirid bugs of economic importance with notes on their con-

CICADELLIDAE

The evolution and dispersal of the grassland leafhopper genus Exitianus, with keys to the Old World species (Cicadellidae: Hemiptera).

22443

CICINDELIDAE

Observations on the rate of heart-beat in the various stages of the tiger beetle Cicindela cancellata Dej.

CIMEX HEMIPTERUS

Effect of temperature and humidity on the susceptibility of bedbugs to insecticides. 22455

CIRSIUM ARVENSE

Translocation and persistence of dicamba in Canada thistle, tartary buckwheat, quackgrass and Kentucky bluegrass.

22826

Citrus discases and pests.

22490

The decay of citrus fruits caused by Fusarium lateritium Nees (Gibberella baccata (Wallr.) Sacc.).

2250I

CLAY SOILS

Competition of cow cockle (Saponaria vaccaria L.) and linseed flax.

22275

Factors affecting the activity of diallate. 22558

Seasonal abundance of Tabanidae at Mazabuka, 22265

Collecting in Turkey 1959, 1960, 1962.

CLOSTRIDIUM

Entero-toxaemia of sheep and lambs. 22708

CLOSTRIDIUM HEMOLYTICUM

Isolation and identification of Clostridium hemolyticum in cattle in Florida.

22693

CLOVER

On the presence of mycoplasma-like particles in the inner bark of plants damaged by diseases of the yellow type (Aster Yellow, Phyllody of clover, Stolbur of tomatoes) and on the relationship of these particles to the ones found in various Insecta Homoptera.

Strain variation and host specificity of Rhizobi-um. II. Host specificity of Rhizobium trifolii on European clovers. 22510

COBALT

Phalaris staggers need not be a bogey. 22636

Results of continuous low-level inoculations with Eimeria bovis in calves.

22655

Studies on Eimeria mivati in chickens and a comparison with Eimeria acervulina.

22766

22627

Control of coccidiosis in poultry. Patent 3,422,200. 22771

COCCIDIOSIS VACCINES

The relation between the liver reserves of vitamin A and some intestinal parasites in Dokki 4 chicks. (a). In chicks affected with cecal coccidiosis.

COFFEE

Field studies of insecticides for control of the coffee leaf miner, Leucoptera coffeella. 22365

COLCHICINE

The effect of colchicine on myogenesis in vivo in Rana pipiens and Rhodnius prolixus (Hemip-

COLD

Acclimatization of insects to low temperatures.

22454

COLD STORAGE

Symptoms and characteristics of Pratylenchus brachyurus infestation on stored potatoes.

COLEOPTERA

Initial survey of arthropod predators of the European red mite in south-central Pennsylvania. 22282

Studies on Ethiopian Ptiliidae. I, Africoptilium gen. n. from central Africa.

Additions and corrections to the British list of Atomaria s. str. (Col., Cryptophagidae), including a species new to science.

Insect catalogs of Sweden, XVIII. Colcoptera, 1960.

22302 Trogoderma angustum SOL. in Germany (Col., Dermestidac).

22308

On the occurrence of fossil insects in the mesozoic rocks of western Australia.

Study on the permiability of the sensory organs of the appendages of the head in the larvae of Speophyes lucidulus (Dclar.) (Coleoptera)

Observations on the alpine fauna of Colcoptera and its origin.

COLLEMBOLA

On the Collembola of the Soviet Union, III. Proistoma (Dimorphiella) muriphela n. subgen., n. sp., from Novosibirsk. 22273

The ecology of Sminthurus viridis (Collembola). II. Diapause in the aestivating egg.

New Nearctic and Neotropical muscoidean Diptera (Sarcophagidae and Tachinidae).

Further observations on the biology of the oyster nut shield bug (Piezosternum calidum Fab.)

Selection of phase types based on hopper coloration in Locusta migratoria migratorioides (Reiche Fairmaire).

The decay of citrus fruits caused by Fusarium lateritium Nees (Gibberella baccata (Wallr.) Sacc.).

COLORIMETRY

Inhibition of the Hill reaction of isolated chloroplasts by amide-containing herbicides 22817

A note on the application of the conglutinating complement absorption test for the detection of rinderpest antibodics.

COMPLEMENT FIXATION

Experimental contributions to the knowledge of dermatitis pustulosa of sheep. VII. Investigations into the processes in the low temperature complement binding reaction with dermatitis pustulosa antigen.

Experimental contributions to the knowledge of dermatitis pustulosa of sheep. VI. The specificity

of the complement binding reaction with dermatitis pustulosa antigen.

22719

22720

22772

22782

Experimental contributions to the knowledge of dermatitis pustulosa of sheep.II.OTHE behavior of the complement fixation and of the infectious antigen at various pH levels.

Experimental contributions to the knowledge of dermatitis pustulosa of sheep. I.Experiments concerning the purification of the dermatitis pustulosa virus and the isolation of the comple-

ment fixation antigen from the elementary

CONDALIA OBTUSIFFOLIA

Control of Whitebrush (Aloysia lycioides Cham.) with picloram. 22592

COOLING

A device for immobilizing insects with cooled 22404

COOPERIA

Effect of the levo form of tetramisole on Ostertagia, Trichostrongylus, and Cooperia in cattle

COOPERIA PUNCTATA

Survival of infective larvae of the cattle nematodes, Cooperia punctata, Trichostrongylus axei, and Oesophagostomum radiatum.

COPPER Use of laboratory evaluations for aquatic herbi-

cides and algicides. 22811

COPPER BIS(DIMETHYL) ACRYLATE

Fungicidal compositions containing copper bisdimethyl acrylate. Patent 3,426,132. 22831

Further studies on mosaic disease of maize (Zea mays L.). 22512

Clobber - post-emergence weed killer.

22567

Control of weeds in maize fields--a review 22572

A toxic fungus (Sclerotium rolfsii) isolated from groundnuts.

22734 Surfactant toxicity to plant tissues.

22806 Isolation and some physiological properties of natural plant growth inhibitors.

22825 CORNSTARCH

Teflon and cornstarch-coated paper as substrates for oviposition by cabbage looper moths.

CORTISONE

Experimental infectious canine hepatitis. V. The effect of reticulo-endothelial blockade.

22750 COSTS

22727

A feeding stimulant for pink bollworm larvae in water extracts of cotton. 22434

Fumigants in India.

Insects cost us money.

22786

Methyl parathion adsorbed on the skin and blood cholinesterase levels of persons checking cotton treated with ultralow-volume sprays.

Penetration and distribution studies in bean, cotton and barley from foliar and root applications of Tween 20-C14 (fatty acid and oxyethylene labeled).

22588

22589

Recent developments in the control of woody weeds in New Zealand.

Chemical control of Alhagi camelorum.

COUMAPHOS	CULEX	CYPERUS ROTUNDUS
Efficacy of Naphthalophos and Coumaphos	The taxonomy and biology of two sympatric	Control of nutgrass weed by cultivation.
against nematodes of goats.	sibling species of Culex, C. pipiens and C. tor- rentium (Diptera, Culicidae).	22607
COUMARIN	22331	CYPROMID Clohher - post-emergence weed killer.
Effects and possibilities of using coumarin	CULEX PIPIENS	22567
preparations in rodent control.	The taxonomy and hiology of two sympatric	CYSTICERCUS
22618	sibling species of Culex, C. pipiens and C. tor- rentium (Diptera, Culicidae).	Investigations concerning the immunohiological
COWPEAS	22331	diagnosis of helminthiasis by means of simultane-
Studies on the infection of cucumber mosaic virus, Ill. Time of the infection after inoculation	CULEX PIPIENS PIPIENS	ous intradermal tests with several different parasite antigens.
with whole virus or with viral nucleic acid.	St. Louis encephalitis in Mcleanshoro, Illinois,	22767
22498	1964.	The location of the parasites in muscle cysticer-
CROP LOSSES	CULEX PIPIENS QUINQUEFASCIATUS	cosis. 22776
Studies on the biology of Athalia proxima Klug (Tenthredinidae; Hymenoptera).	Toxicity of bacterial spores to fly and mosquito	
22449	larvae.	CYSTS The survival of desiccated larvae of Heterodera
Effects of tomato ringspot virus on plant and	22439	rostochiensis and H. schachtii.
fruit development of raspberries.	CULEX TARSALIS Host-feeding patterns of Culex tarsalis in the	22546
22500	Sacramento Valley, California, with notes on	Flavianic acid as a hatching and stimulating
The armyworm Pseudaletia unipuncta Haworth	other species.	agent for Heterodera rostochiensis cysts.
in Ontario in 1964.	22460	
Reflections on the estimation of food losses due	CULICIDAE	CYTISUS Recent developments in the control of woody
to Bruchidae (Coleoptera).	The use of insecticides for control of mosquito larvae in Denmark.	weeds in New Zealand.
22531	22482	22588
Use of Bipyridyl and Triazine herbicides in rasp-	CULISETA MELANURA	CYTOGENETICS
berries. 22569	Culiseta melanura (Coquillett) breeding in artifi-	Cytogenetic alterations in swine kidney cells per-
Influence of soil type on the tolerance of sugar-	cial containers.	sistently infected with hog cholera virus and propagated with and without antiserum in the
cane to fenac.	CULTURAL CONTROL (INSECTS)	medium.
22594	Late-season feeding and emergence of the tobac-	22705
CROP YIELDS	co flea beetle.	CYTOLOGY
Effects of lindane and carbaryl on insects, soil	22386	Preliminary studies on the existence of chro- matin vesicles differentiated in the nuclei of
and plant nitrogen, and grain yield of rice.	CULTURAL CONTROL (WEEDS) Effects of hoeing-weeding-cum-manuring on the	trophocytes of Ephcstia kukniella Z. (Lepidop-
The effects of Aphelenchoides saprophilus, A.	yield of rainfed groundnut in the Punjab.	tera).
coffeae, Aphelenchus avenae and Panagrolaimus	22564	22403
sp. on the cropping of cultivated mushroom.	Control of Orobanche under natural and artifi-	Further development of the second generation of
22549	cially infested conditions.	Eimeria tenella merozoites in tissue cultures.
Competition of cow cockle (Saponaria vaccaria L.) and linseed flax.	Chamical word control in notate (Salurum tu	Cytopathologic changes and development of in-
22555	Chemical weed control in potato (Solanum tu- berosum L.)a review.	clusion bodies in cultured cells infected with
Effects of hoeing-weeding-cum-manuring on the	22595	bluetongue virus.
yield of rainfed groundnut in the Punjab.	Control of nutgrass weed by cultivation.	22635
22564	22607	Fractionation and characterization of the plasma and mesosome membrane of Listeria mono-
Wild buckwheat competition in flax.	CULTURE MEDIA Daily weight gain of the European corn borer	cytogenes.
22571	reared on artificial media (Lepidoptera:	22660
Control of weeds in maize fieldsa review.	Pyraustidae).	Comparative fluorescence-immunological and
Chemical weed control in potato (Solanum tu-	22373	cytopathological studies with various virus strains of the mucosal disease of cattle.
bcrosum L.)a review.	Effect of temperature and cultural methods on	22676
22595	development of the free-living stages of Trichos- trongylus colubriformis.	Cytopathologic changes of lymphatic tissues of
Processing pca responses to MCPB applications	22781	cattle with the bovine virus diarrhea-mucosal dis-
at different growth stages.	CURCULIONIDAE	easc complex.
22612 CROPS	Notes on the name Leptopiinae (Coleoptera:	Electron microscopic studies on vesicular ex-
Chemical weed control.	Curculionidae).	anthema of swine virus: Intracytoplasmic viral
22526	Contribution of a biological study of Pissodes	crystal formation in cultured pig kidney cells.
The continuing struggle against weeds.	notatus F. (Col. Curculionidae).	22751
22527	22366	Sites of incorporation of tritium uridine in the
Herbicide combinations.	Observations on the biology of Gymnaetron	parenchyma cells of healthy leaves and leaves in- fected with yellow mosaic turnip virus, of Bras-
22614	pascuorum (Gyll.) (Coleoptera: Curculionidae). 22385	sica chinesis.
CRUCIFERAE Studies on the biology of Athalia proxima Klug	Setting up a method for control of clover weevils.	22813
(Tenthredinidae; Hymenoptera).	22519	CYTOPATHOLOGY
22449	CUSCUTA	Effect of toxin in bovine mycoplasmal mastitis.
CRYOLITE	Dodder:Potential research tool.	CYTOPLASM
Emergence of parasites associated with the	22808	Studies on the site of replication of vesicular sto-
cabbage aphid during a chemical-control pro- gram.	CUTICLE New Nearctic and Neotropical muscoidean Dip-	matitis virus.
22400	tera (Sarcophagidae and Tachinidae).	22648
CUCUMBERS	22324	Electron microscopic studies on the lymph node of the pig
Studies on the infection of cucumber mosaic	Electromicroscopic experimental study and ob-	of the pig. 22722
virus, III. Time of the infection after inoculation with whole virus or with viral nucleic acid.	servations of the deposition of the endo and ex- ocuticles in the larvae of Galleria mellonella L.	D, 2,4-
22498	(Lepidoptera Pyralidae).	Observations on the use of preplant herbicides in
Impatiens parviflora DCA natural host of	22351	pasture establishment in the wet tropics.

A neglected diagnostic character of the Apoidea (Hymenoptera).

Contribution to the histochemistry of the cuticle and cuticular structures of trematodes.

22421

22775

Impatiens parviflora DC.--A natural host of cabbage black ringspot and cucumber mosaic viruses.

Systemic insecticides evaluated for two-spotted mite control on greenhouse cucumbers.

22508

DAIRY PRODUCTS

Effect of 2,4-D on crop weed competition wheat.	in DEHYDROGENASES Evidence for a methionine-controlled	DIAGNOSIS
2260	homoscrine dehydrogenase in Salmonella ty-	The decay of citrus fruits caused by Fusarium lateritium Necs (Gibberella baccata (Wallr.)
Eurasian watermilfoil (Myriophyllum spicatu L.) in the Tennesee Valley.	m phimurium.	Sacc.).
2260		Early detection of infection of sugarcane by
Aquatic vegetation control in Louisiana.	oral, intratracheal, or intravenous inoculation: Histochemical localization of dehydrogenase ac-	ratoonstunting disease (RSD).
Persistence of herbicides in ponded water ar	ainiai	Botrytis stem rot. How to control it.
soils.	22698	22506
Field investigations of claims against herbicides	D	Phalaris staggers need not be a bogey.
2279	vert (Odonata Coenagriidae).	Fluorescent antibody technique as a diagnostic
The influence of volatile 2,4-D upon zinnia		test for canine distemper infection: Detection of
snapdragons, and other bedding plants as a fected by other gases such as SO2 and NH3.	tomological point of view.	viral antigen in epithelial tissues of experimen- tally infected dogs.
2282		22654
Adsorption of herbicides to proteins.	A pheromone-like dispersant affecting the local distribution of the European house cricket,	Encephalitis in horses in Hillsborough County, Florida, 1964.
New equipment developed by the Corps of E	Acheta domestica.	22671
gineers for use in aquatic weed control.	Systematic discontinuities between eggs and	Anaplasma marginale infection in young and aged cattle.
DAIRY PRODUCTS	hoppers from individual egg-pods of the brown	22673
Pesticide residues in diary produce.	locust. 22462	Critical considerations on the diagnostic useful-
DALAPON 2279	Insect and host factors in the aggregation of the	ness of the END method for the in vitro detec- tion of the hog cholera.
Environmental control at Boston-Logan Intern	a- southern pine beetle.	22674
tional Airport.		A case of eperythrozoonosis suis and its dif- ferential diagnostic significance in relation to
Phragmites control in Delaware, 1965.	tion in Locusta migratoria migratorioides	suspected swine fever. 22678
Same above is used assistant	22179	Isolation and identification of a further new
Some changes in weed species in response control methods and chemicals in Hawaii.	On the dispersal of Drosophila.	bovine herpes virus.
2260	D: : : : : : : : : : : : : : : : : : :	22683 Differential diagnosis of bovine stomatitis of viral
Utilization of 14C metabolites, incorporation of 32P and changes in respiration occurring		origin.
leaves from dalapon treated beans.	DENDROCTONUS FRONTALIS	22686
DANAUS PLEXIPPUS	Isolation of the population aggregating pheromone of the southern pine beetle.	Equine piroplasmosis: Indirect flourescent an- tibody test for Babesia caballi.
Monarch butterfly (Danaus plexippus) migratic		22689
studies: Autumnal movement.	Insect and host factors in the aggregation of the	Isolation and identification of Clostridium hemolyticum in cattle in Florida.
ODT	southern pine beetle.	22693
Antifeeding effect of DDT on bollworm an tobacco budworm larvac.	DEOXIRIBONUCLEIC ACID	Experimental paratuberculosis in sheep after oral, intratracheal, or intravenous inoculation:
2236	2 Replication of infectious laryngotracheitis virus in chicken kidney cell culture.	Serologic and intradermal tests.
Effect of temperature and humidity on the	22691	Further studies on the Erysipelothrix insidiosa
susceptibility of bedbugs to insecticides.	5 DERMACENTOR OCCIDENTALIS	tube agglutination test.
Insecticides in Norwegian forestry.	Tick paralysis in California livestock.	22726
2251 An estimate of the area of Danish forestry which	DERMAPTERA	Hematologic changes and clinical signs of trichinosis in pigs.
is treated with pesticides other than herbicides.	smuseum Stockholm Part III	22777
2251 Satting up a method for control of clause weard	22260	PARTIES Factors affecting the activity of diallate.
Setting up a method for control of clover weevil 2251	Q Ochera and species of the Definaptera. 3. Spon-	22558
Insecticides in Finnish forestry.	giphorinae and Labiinae.	DIAPAUSE The ecology of Sminthurus viridis (Collembola).
Pasture cockchafer control interim revised cor	Genera and species of the Dermaptera. 4. Per-	 Diapause in the aestivating egg.
trol recommendation.	Nesogastrinae Isopyginae and Sparattinae	DIATRAEA SACCHARALIS 22464
2254 The effect of DDT on reproduction in mice.	0 (Labiidae). 22321	Laboratory techniques for rearing the sugarcane
2261		borer on an artificial diet. 22406
Termite control measures in building construction	Experimental contributions to the knowledge of	Effect of endrin and trichlorfon applied in artifi-
tion. 2278	dermatitis pustulosa of sheep. LExperiments concerning the purification of the dermatitis	cial diet against larvac of sugar-cane borer Diatraea saccharalis (F.) (Lep., Pyralidae).
Pesticide residues in diary produce.	pustulosa virus and the isolation of the comple-	22411
Action of DDT on the peripheral nervous system	t = 41 = -	Populations of fall armyworm, corn carworm, and sugarcane borer on St. Croix, U.S. Virgin
of the grass frog Rana pipiens.	22720	Islands.
2280	0 DERMESTIDAE Disrupted fertility of the hidebectle Dermestes	DIAZINON 22452
DEER Infectivity of Anaplasma marginale in bovin	e maculatus (Deg.) due to dietary overdose of	Effect of temperature and humidity on the
blood after prolonged freezing.	biotin.	susceptibility of bedbugs to insecticides. 22455
DEET	DETERGENTS	Bioassay evaluation of heptachlor, isobenzan,
Dcet-impregnated net shirt repels biting flies.	Use of laboratory evaluations for aquatic herbi- cides and algicides.	and diazinon used against the alfalfa weevil in Northern Utah.
2248 DEFOLIATION	22811	Northern Utan. 22523
Translocation and persistence of dicamba i		DICAMBA Effect of several harbicides on the protoclutic ac-
Canada thistle, tartary buckwheat, quackgras and Kentucky bluegrass.	maternal organism of Iccrya purchasi Mask.	Effect of several herbicides on the proteolytic ac- tivity in squash.
2282		22804

Translocation and persistence of dicaml Canada thistle, tartary buckwheat, quack and Kentucky bluegrass.	ba in cgrass 22826	Heteronychia (Spatulapica) slovaca sp notes on the taxonomy of Heteronchia lapica) rodendorfi (Povolny and Slan 1959) (Diptera).	(Spatu-	Prophylactic therapy against the developing stages of Dirofilaria immitis: Supplemental studies. 22765
DICHLOBENIL	2020	1939) (Dipiera).	22322	DOLICHOPODIDAE
Incorporation of herbicides in mulches.	22584	New Nearctic and Neotropical muscoide tera (Sarcophagidae and Tachinidae).	ean Dip-	The Diptcrous genus Diostracus Loew (Dolichopodidae).
Weed control in young peach orchards.	22601	Notes on the Scandinavian Ptychopterid	22324	DOSAGE
Persistence of herbicides in ponded water soils.		description of a new species (Diptera).	22339	Toxicity of selected insecticides against adult striped horse flies in laboratory tests.
	22790	Hymenopteran parasites of Lonchae	a fugax	22472
Effect of several herbicides on the proteolyt tivity in squash.		Becker (Diptera: Lonchaeidae).	22353	New injection system for killing or curing trees. 22488 Environmental control of Boyton Logan Interna
DICHLOROBENIL	22804	A collection device for Leptoconops (Diptera: Ceratopogonidae) biting gnats.		Environmental control at Boston-Logan International Airport.
Results of pre-emergent aquatic herbicides linois.	in II-	Feeding and parasitism in gnats (Dip		Evaluation of diquat as an aquatic herbicide ap-
	22574	some finds.		plied at 2 gallons per surface acre, under Min-
DICHLOROBENZYL METHYLCARBAM	ATE,		22431	nesota conditions. 22586
3,4- The thin-layer effect and the herbicidal acti 3,4-dichlorobenzyl methylcarbamate.	ion of	Deet-impregnated net shirt repels biting	22483	Environmental variables and weed control with pyrazon in sugar beets.
	22573	Observations on the use of preplant herb	icides in	22591
DICHLORVOS		pasture establishment in the wet tropics.	icides iii	The effects of experimental microascaridic infec-
Comparative evidence with dichlorvos derivatives of piperazine in the Ascaridosis of		Evaluation of diquat as an aquatic herbi	22557 icide an-	tions by Ascaris suum in guinea pigs subjected to total body X- irradiation LD 50/30.
pig.	22780	plied at 2 gallons per surface acre, und		Effects of soil applied trifluralin on fish produc-
DIELDRIN		nesota conditions.	22586	tion in pools.
Effect of temperature and humidity or susceptibility of bedbugs to insecticides.	i the	DIROFILARIA IMMITIS	ualamin a	Translocation and persistence of dicamba in
	22455 struc-	Prophylactic therapy against the de stages of Dirofilaria immitis: Suppleme dies.		Canada thistle, tartary buckwheat, quackgrass and Kentucky bluegrass.
tion.		dies.	22765	22826
	22785	DIURNAL RHYTHM		Herbicide persistence with different incorpora- tors.
Laboratory techniques for rearing the sugar	rcane	Weather and diurnal periodicity of f Helophorus brevipalpis Bcdel (Col.		22827
borer on an artificial diet.		philidae).		New legal bases in plant protection. 22846
	22406	Ranges of circadian period length.	22420	DROSOPHILA
Effect of endrin and trichlorfon applied in a cial diet against larvae of sugar-cane Diatraea saccharalis (F.) (Lep., Pyralidae).			22423	On the dispersal of Drosophila.
	2411	Central nervous system control of c rhythmicity in the cockroach. I. Role of		DROSOPHILA MELANOGASTER
Effect of diet on the lipid composition o cockroach Blaberus discoidalis.	of the	intercerebralis.	22433	Dietary choline requirements for sperm motility and normal mating activity in Drosophila
2	2427	DIURON		melanogaster. 22396
	2619	Weed control in established alfalfa with plied herbicides.	soil-ap- 22556	Studies on the terminal respiratory systems in the minute (2)z mutant of Drosophila melanogaster.
Prophylactic therapy against the development	oning	Some changes in weed species in resp		22475
stages of Dirofilaria immitis: Supplementa dies.	l stu-	control methods and chemicals in Hawai		DROSOPHILA PSEUDOOBSCURA The relation between inversion heterozygosity
DIGITARIA 2	2765	Weed control in young peach orchards.	22601	and dominant lethality in Drosophila pseudoob- scura.
Azak - a new crabgrass herbicide.		Dodder:Potential research tool.		22476 Dispersion of Drosophila pseudoobseura
	2590		22808	Dispersion of Drosophila pseudoobscura.
Aquatic vegetation control in Louisiana.		Herbicide persistence with different in	согрога-	DRUG THERAPY
2	2615	tors.	22827	Contribution to the morphological and biological study of Tetranychus neocaledonicus Andre
DIMETHOATE Evaluation of topically applied dimethoat	e for	Adsorption of herbicides to proteins.	22830	1933 (AcarinaTetranychidae) cotton red- spider in Madagascar.
control of lilac leaf miner.		DNA VIRUSES		22276
DIMETHYL-3-(ALPHA,ALPHA,ALPHA-	2470	Investigations on an avian adenovirus.	22(00	Effects of progesterone treatments on delayed
TRIFLUORO-M-TOLYL)UREA, 1,1-		DOGS	22699	implantation in mink.
Weed control in young peach orchards.	2401	Comparative potency tests on modified li	ive-virus	Effect of antibiotic therapy on experimental lep-
DIOSPYROS TEXANA	2601	rabies vaccine produced from Flury h		tospirosis infection and development of acquired
Control of Whitebrush (Aloysia lyci- Cham.) with picloram.	oides	passage virus grown on permanent dog cell line.		resistance in guinea pigs.
	2592	Fluorescent antibody technique as a di	22634	Effects of estrogens upon Anaplasma marginale
DIPHENAMID		test for canine distemper infection: Dete	ection of	infection in splenectomized cattle.
Incorporation of herbicides in mulches.	2584	viral antigen in epithelial tissues of exp tally infected dogs.		Standardized chemotherapeutical tests for im- mature and mature Fasciola hepatica infections
DIPRION		The test of the second	22654	in sheep.
Insecticides in Finnish forestry.	2530	Histochemical and electron microscopic of dog kidney cells in the early stages of i		22759
DIPTERA		with infectious canine hepatitis virus.		Prophylactic therapy against the developing stages of Dirofilaria immitis: Supplemental stu-
A dry ice-baited trap for the collection and storage of hematophagous Diptera.	field	Hydatids limitation programmetesting r	22658 esults.	dies.
2	2244		22732	Controlled test of anthelmintic activity of
Seasonal succession of bloodsucking Dipte Wisconsin during 1965.	ra in	Experimental infectious canine hepatitis effect of reticulo-endothelial blockade.	. V. The	trichlorfon and thiabendazole in lambs, with ob- servations on Oestrus ovis.
		the state of the state of the state of the state.		or anomous of our as orts.

22245

Egg production of house-fly adults fed human

22384

blood containing various supplements.

DUCKE	The influence of certain factors on the fecundity	On the presence of mycoplasma-like particles in
DUCKS Pantothenic acid metabolism during avian	of Sitophilus oryzae (L.).	the inner bark of plants damaged by diseases of
malaria infection: Pantothenate kinase activity in	22394	the yellow type (Aster Yellow, Phyllody of
duck erythrocytes and in Plasmodium lophurae.	Systematic discontinuities between eggs and	clover, Stolbur of tomatoes) and on the relation-
22630	hoppers from individual egg-pods of the brown locust.	ship of these particles to the ones found in vari- ous Insecta Homoptera
Schizogony and gametogony of Leucocytozoon	22462	22505
simondi and associated reactions in the avian	Direct assay for bluetongue virus by intravascu-	Cytopathologic changes and development of in-
host. 22650	lar inoculation of embryonating chicken eggs.	clusion bodies in cultured cells infected with
	22656	bluetongue virus.
Some properties of the virus of duck plague.	Shape deviations in eggs of Ascaris lumbricoides.	22635
22668	22769	Studies on the site of replication of vesicular sto-
Influence of temperature on the toxicity of dif-		matitis virus.
ferent isolates of Aspergillus wentii Wehm.	Effect of temperature and cultural methods on	. 22648
22709	development of the free-living stages of Trichos- trongylus colubriformis.	Histochemical and electron microscopic studies
DYTISCIDAE	22781	of dog kidney cells in the early stages of infection
Some Swedish Hydroporus species (Col.,	EICHHORNIA CRASSIPES	with infectious canine hepatitis virus.
Dytiscidae) with descriptions of Hydroporus el-	Aquatic vegetation control in Louisiana.	22658
jasi n. sp	Aquatic vegetation control in Louisiana.	Cytopathologic changes of lymphatic tissues of
22343		cattle with the bovine virus diarrhea-mucosal dis-
ECHINOCHLOA CRUSGALLI	The influence of rooted aquatic plants on the dis-	ease complex.
Studies of the germination, growth and develop-	solved oxygen content of water.	22703
ment of barnyardgrass. 22565	22805	Electron microscopic studies on vesicular ex-
	New equipment developed by the Corps of En-	anthema of swine virus: Intracytoplasmic viral
ECHINOCOCCOSIS	gineers for use in aquatic weed control.	crystal formation in cultured pig kidney cells.
Hydatids limitation programmetesting results.	22839	22751
22732	EIMERIA	Sites of incorporation of tritium uridine in the
Recent techniques for the serodiagnosis of	Results of continuous low-level inoculations with	parenchyma cells of healthy leaves and leaves in-
human and animal hydatidosis. III. Evidence of	Eimeria bovis in calves.	fected with yellow mosaic turnip virus, of Bras-
indirect hemagglutination (HAI).	22655	sica chinesis.
	EIMERIA ACERVULINA	22813
ECHINOLAELAPS ECHIDNINUS	Studies on Eimeria mivati in chickens and a com-	ELECTROPHORESIS
Significance of fluctuating humidities and	parison with Eimeria acervulina.	Electrophoretic observations on the protein
frequency of blood meals on the survival of the	22766	composition of free-living and plant-parasitic ne-

ECHINOSTOMA

Contribution to the histochemistry of the cuticle and cuticular structures of trematodes. 22775

spiny rat mite, Echinolaelaps echidninus (Ber-

The survival of desiccated larvae of Heterodera

rostochiensis and H. schachtii.

ECOLOGY

lese).

A revision of the Tertiary fossil species of the Kalotermitidae (Isoptera). 22270

Abyssal Halacaridae (Acari) from the southeast Pacific. 22312

A collection device for Leptoconops kerteszi

(Diptera: Ceratopogonidae) biting gnats. 22393

Culiscta mclanura (Coquillett) breeding in artificial containers.

22465

ECONOMICS

The principle of integrated plant protection.

Integrated plant protection in fruit growing.
22492

Reflections on the estimation of food losses due to Bruchidae (Coleoptera).

Some notes on the short-term and long-term

economics of pest control. 22840

Threshold values in the conomics of insect pest control in agriculture.

Subsistence agriculture: Crop protection in sub-

sistence agriculture. 22842

EGGPLANT

Effects of after-ripening and gibberellic acid on the thermoinduction of seed germination in Solanum mclongena.

EGGS

Concerning the influence of various light colors and the different population densities on the lifespan and egg production of the carrot fly, Psila rosea Fabr. 22310

EIMERIA TENELLA

EIMERIA MIVATI

Further development of the second generation of Eimeria tenella merozoites in tissue cultures 22629

Studies on Eimeria mivati in chickens and a com-

parison with Eimeria acervulina.

The dynamics of antibody against Eimeria tenella under the fluorescent microscope. 22642

ELECTRON MICROSCOPES

Ultrastructural observations on neurons of the sympathetic ganglia in grass sickness. 22643

Light and electron microscopic examinations of a new bovine herpes virus.

Electron microscopic studies on the lymph node of the pig.

Electron-microscopic findings in the lingual mucosa of healthy and foot-and-mouth diseased cattle. 22742

ELECTRON MICROSCOPY

Electromicroscopic experimental study and observations of the deposition of the endo and exocuticles in the larvae of Galleria mellonella L. (Lepidoptera Pyralidae). 22351

Preliminary studies on the existence of chromatin vesicles differentiated in the nuclei of trophocytes of Ephestia kukniella Z. (Lepidoptera).

Presence of a blood-producing tissue at the level of the dorsal diaphram of Locusta migratoria (Orthoptera).

Unusual microtubular patterns and three-dimensional movement of mealybug sperm and sperm bundles.

Fine structure of the tip of chemosensitive hairs in two blow flies and the stable fly. 22457

Multiple core complexes in grasshopper spermatocytes and spermatids.

22478

composition of free-living and plant-parasitic nematodes, with a special reference to some components showing a digestive activity.

22547

22766

Surfactant toxicity to plant tissues.

22806

ELODEA CANADENSIS

Evaluation of diquat as an aquatic herbicide applied at 2 gallons per surface acre, under Minnesota conditions.

Translocation of herbicides in American pondweed (Potamogeton nodosus Poir.). 22820

EMBRYOLOGY

The morphological basis of embryonic movements in the light brown apple moth, Epiphyas postvittana (Walk.) (Lepidoptera: Tortricidae). 22348

Beginning of embryonic development within the maternal organism of Icerya purchasi Mask 22445

EMPIDIDAE

Chelifera aperticauda Collin (Dipt., Empididae in Kent with notes on other Empids. 22262

EMULSIFYING AGENTS

Antifeeding effect of DDT on bollworm and tobacco budworm larvae.

ENCEPHALOMYELITIS

On the question of latent virus infections in wildliving small mammals (insectivores and rodents). Second communication: Isolation of murine encephalomyclitis viruses.

ENDRIN

Effect of endrin and trichlorfon applied in artificial diet against larvae of sugar-cane borer Diatraea saccharalis (F.) (Lep., Pyralidae).

ENTERITIS

Some properties of the virus of duck plague

22668

ENTEROTOXEMIA

Entero-toxaemia of sheep and lambs.

ENTOMOLOGISTS

Host-feeding patterns of Anopheles freeborni in the Sacramento Valley, California.

Antifeeding effect of DDT on bollworm and tobacco budworm larvae.

22250

22362

ENTOMOLOGISTS Entomology and entomologists.	Experimental pasteurellosis: Comparative stu- dies on Pasteurella multocida from Asia, Africa,	Some observations on vectors and transmission
22306	and North America.	of tohacco etch virus.
ENTOMOLOGY Collecting in Turkey 1959, 1960, 1962.	Encephalitis in horses in Hillsborough County,	ETHYL N,N-DIPROPYLTHIOLCARBAMATE
22275	Florida, 1964. 22671	Control of weeds in maize fieldsa review. 22572
Homoptera of the Kurile Islands. 22283	Comments on some mechanisms of antibody production in bovine leptospirosis.	Dodder:Potential research tool.
Taxonomyecology, a mutual relationship. 22291	22682	ETHYL-3-METHYLPHENYL N-METHYLCAR-
Entomology and entomologists.	Isolation and identification of Clostridium hemolyticum in cattle in Florida.	BAMATE, 5- N-methyl 3-methyl-5-ethyl phonyl carhamate as an insecticide Patent 3,422,198.
The concept of microclimate from an en-	Isolation of Listeria monocytogenes from brains	22357
tomological point of view.	of rabiesnegative animals.	Production of ethylene by sweet potato roots in-
The abdominal scent organ male hawk moths.	EQUINE ENCEPHALOMYELITIS	fected by black rot fungus.
Supplements to the knowledge of hawk moths (III) (Lep. Sphingidae).	Encephalitis in horses in Hillsborough County, Florida, 1964.	EULOPHIDAE 22812
22418	22671	Ratzeburgiola Erdos (Hymenoptera, Eulo- phiidae), a genus new to the British Isles.
Problems in plant pathology and entomology field trials.	EQUINE RHINOPNEUMONITIS Studies on the development of a live vaccine	22255
22524	against equine rhinopneumonitis (abortion of mares).	EUPHORBIA Potential fungicides.
ENVIRONMENT Significance of fluctuating humidities and	22692	22514
frequency of blood meals on the survival of the	EQUIPMENT	EVOLUTION South American origin of European pathotypes
spiny rat mite, Echinolaelaps echidninus (Berlese).	A device for immobilizing insects with cooled air.	of the potato-root celworm, Heterodera rostochiensis Wollenweber
The done of the base	Now injection system for killing or owing trees	22545
The dance of the bees.	New injection system for killing or curing trees. 22488	EXALTATION OF NEWCASTLE DISEASE VIRUS TEST
Environmental control at Boston-Logan Interna-	On sampling and extracting technique for soil micro-arthropods.	Critical considerations on the diagnostic useful-
tional Airport. 22563	22621	ness of the END method for the in vitro detec- tion of the hog cholera.
Maintenance and use of controlled environment	Maintenance and use of controlled environment	22674
chambers.	chambers. 22838	EXPERIMENTAL DESIGN Problems in plant pathology and entomology
Where do we stand on safe use of pesticides.	New equipment developed by the Corps of Engineers for use in aquatic weed control.	field trials.
ENZYMES 22845	22839	EXPERIMENTAL INSECTS
Effect of several herbicides on the proteolytic activity in squash.	ERYSIPELOTHRIX INSIDIOSA Acute and chronic Erysipelothrix rhusiopathiae	A laboratory investigation of maturation in the Cuban burrowing cockroach Byrsotria fumigata
22804	infection in rats.	(Guerin). 22392
EOSINOPHILS	Further studies on the Erysipelothrix insidiosa	A device for immobilizing insects with cooled
Hematologic changes and clinical signs of trichinosis in pigs.	tube agglutination test.	air. 22404
22777	Routes of elimination of Erysipelothrix insidiosa	EXTRACTS
EPERYTHROZOON SUIS A case of cperythrozoonosis suis and its dif-	from infected swine.	On sampling and extracting technique for soil micro-arthropods.
ferential diagnostic significance in relation to	ERYTHROCYTES 22749	22621
suspected swine fever.	Preparation and characterization of a soluble	FAGOPYRUM TATARICUM Translocation and persistence of dicamba in
EPERYTHROZOONOSIS	Anaplasma marginale antigen. 22625	Canada thistle, tartary huckwheat, quackgrass and Kentucky bluegrass.
A case of eperythrozoonosis suis and its dif- ferential diagnostic significance in relation to	Pantothenic acid metabolism during avian	22826
suspected swine fever. 22678	malaria infection: Pantothenate kinase activity in duck erythrocytes and in Plasmodium lophurae. 22630	FAGUS A small contribution concerning the knowledge
EPHESTIA	Effects of washing with saline solution and nor-	of Cecidomyiidae.
Preliminary studies on the existence of chro- matin vesicles differentiated in the nuclei of	mal bovine plasma on the infectivity of Anaplasma marginale in crythrocytes.	FASCIOLA
trophocytes of Ephestia kukniella Z. (Lepidoptera).	22649	Standardized chemotherapeutical tests for immature and mature Fasciola hepatica infections
22403	The influence of bee venom on the osmotic fragility of young rabbit RBC.	in sheep. 22759
Serological investigations concerning the in-	22799	Investigations concerning the immunobiological
cidence of leptospiral infection among the per- sonnel employed in the care of animals in some	ERYTHRONEURA New species of Erythroneura (Homoptera: Cicadellidae).	diagnosis of helminthiasis by means of simultane- ous intradermal tests with several different parasite antigens.
zootechnical farms.	22280	22767
EPITRIX HIRTIPENNIS	ESCHERICHIA COLI Pathogenesis of coliform mastitis in cattle. II. A	FASCIOLA HEPATICA Contribution to the histochemistry of the cuticle
Late-season feeding and emergence of the tobac- co flea beetle.	comparison of morphological findings in	and cuticular structures of trematodes.
22386	coliform mastitis in cattle and in the experimen- tally induced arthus phenomenon in the mamma-	FEEDING 22775
EPIZOOTIC DISEASES Survival of foot-and-mouth disease virus in	ry glands of rabbits.	Significance of fluctuating humidities and
bovine hides.	ESTERS	frequency of blood meals on the survival of the spiny rat mite, Echinolaelaps echidninus (Ber-
22657	The effects of three formulations of butyric her-	lese).

The effects of three formulations of butyric herbicides on newly-seeded and established stands of alfalfa.

Effects of estrogens upon Anaplasma marginale infection in splenectomized cattle.

22675

bovine

22664

ESTROGENS

of

Experimental transmission mycoplasma in calves and turkeys.

Comparison of the resistance of different-aged

pheasants to eastern encephalitis virus from different sources.

- 00	r	N	- 4	~

Egg production of house-fly adults fed human blood containing various supplements.	The influence of rooted aquatic plants on the dis- solved oxygen content of water.	FOOD HABITS The regulation of cyclic reproductive and feed
22384	22805	ing activity in the milkweed bug Oncopeltus by
Late-season feeding and emergence of the tobac- co flea beetle.	Use of laboratory evaluations for aquatic herbi- cides and algicides.	temperature and photoperiod. 2236-
22386	22811	Notes on three species of Actia (Dipt., Tachin
The dance of the bees.	Where do we stand on safe use of pesticides .	idae), parasites of Oak-feeding caterpillars.
Progress report on laboratory rearing of black	FLAX	Feeding and oviposition behavior in the
flies (Diptera: Simuliidae).	Wild buck wheat competition in flax.	mosquito Aedes aegypti (L.). I Preliminary stu dies of physiological control mechanisms. 2241
Feeding and parasitism in gnats (Dipt.), also some finds.	FLAXSEED	FOOD PLANTS
22431	Competition of cow cockle (Saponaria vaccaria	Contributions to the knowledge of host plants o
A feeding stimulant for pink bollworm larvae in	L.) and linseed flax.	middle German aphididae. 2239°
water extracts of cotton.	FLUORESCENCE	The armyworm Pseudaletia unipuncta Haworth
Host-feeding patterns of Culex tarsalis in the	Comparative fluorescence-immunological and	in Ontario in 1964. 2252:
Sacramento Valley, California, with notes on other species.	cytopathological studies with various virus strains of the mucosal disease of cattle.	FOOT-AND-MOUTH DISEASE Foot-and-mouth disease.
Feeding of horseflies (Tabanidae: Diptera) on	FLUORESCENT ANTIBODY TECHNIC	2263.
plant juices.	Cytopathologic changes and development of in-	Electron-microscopic findings in the lingual mu
22538	clusion bodies in cultured cells infected with bluetongue virus.	cosa of healthy and foot-and-mouth diseased cat tle.
Sapsucker damage to ponderosa pine.	22635	2274
FENAC	The dynamics of antibody against Eimeria tenel-	FOOT-AND-MOUTH DISEASE VIRUS Influence of litter size, age, variation, and selec
Phragmites control in Delaware, 1965.	la under the fluorescent microscope.	tive breeding of mice on susceptibility to foot
Results of pre-emergent aquatic herbicides in Il-	Fluorescent antibody technique as a diagnostic	and-mouth disease virus.
linois.	test for canine distemper infection: Detection of viral antigen in epithelial tissues of experimen-	Effects of chronic residence on size and size dis
22574 Influence of soil type on the tolerance of sugar-	tally infected dogs.	tribution of plaques of type A foot-and-moutl disease virus in primary calf kidney cell cultures.
cane to fenac.	22654	2265:
Parsistance of herbicides in pended water and	The fluorescent staining complement for the serodiagnosis of toxoplasmosis.	Survival of foot-and-mouth disease virus in bovine hides.
Persistence of herbicides in ponded water and soils.	22679	2265
22790	Equine piroplasmosis: Indirect flourescent an- tibody test for Babesia caballi.	Susceptibility of tissue culture cells to foot-and
Effect of several herbicides on the proteolytic activity in squash.	22689	mouth disease virus: Concentration of boving serum in culture medium.
22804	Isolation and identification of Clostridium	2270
FENURON Penetration and accumulation of fenuron in	hemolyticum in cattle in Florida.	Reactions of sheep to cell-culture-modified foot and-mouth disease virus.
forest soils.	Susceptibility of cultured mammalian cells to in-	2272
FERTILITY 22796	fection with virulent and modified hog cholera viruses.	FOREST SOILS Penetration and accumulation of fenuron in
Influence of temperature on the fecondity of	22704	forest soils.
Asaphes vulgaris Walker (Hymenoptera, Pteromalidae).	Isolation of Listeria monocytogenes from brains	FORESTRY 22796
22358	of rabiesnegative animals.	Insecticides in Norwegian forestry.
Contributions to the biology of the bumble bee. 22387	Fluorescent antibody studies of Vibrio fetus:	2251'
The influence of certain factors on the fecundity	Staining characteristics in semen, preputial exu- date, and pure culture.	An estimate of the area of Danish forestry which is treated with pesticides other than herbicides.
of Sitophilus oryzae (L.).	22733	22518
Dietary choline requirements for sperm motility	Study of sheeppox virus synthesis by fluorescent	Insecticides in Finnish forestry. 22530
and normal mating activity in Drosophila	antibody technique. 22743	FORMICIDAE
melanogaster. 22396	FLUORESCENT LAMPS	Notes on the Indo-Australian Basicerotine ant (Hymenoptera: Formicidae).
FERTILIZERS	Concerning the influence of various light colors and the different population densities on the	22338
Nitrogen and phosphorus content of greenbugs reared on fertilized wheat.	lifespan and egg production of the carrot fly,	Histological observations of the formation of ele mentary and reproductive ova in the ovaries o
22383	Psila rosea Fabr.	Plagiolepis pygmaea Latr. (Hymenoptera For
Aerial spraying boosts jute output.	FLUORIDES	micidae).
FIBERS	Amine-phosphorus pentafluoride complexes as herbicides. Patent 3,420,655.	Ants- ancient city dwellers.
The distribution pattern of indirect flight muscle	22559	22450
fibres in Aedes aegypti (L.) (Diptera: Culicidae).	FOLIAR APPLICATION	FOWL PLAGUE Some properties of the virus of duck plague.
FICUS ELASTICA	Penetration and distribution studies in bean, cotton and barley from foliar and root applications	22668
Virus like particles in Ficus elastica Roxb.	of Tween 20-C14 (fatty acid and oxyethylene	FOWLPOX VACCINES Fowl poxa costly disease cheaply prevented.
FIELD CROPS	labeled). 22823	22730
The thin-layer effect and the herbicidal action of 3,4-dichlorobenzyl methylcarbamate.	FOOD	FOWLPOX VIRUS Fowl poxa costly disease cheaply prevented.
22573	Feeding and parasitism in gnats (Dipt.), also some finds.	22730
FILTERS Comparison of three matheds of extracting the	some finds. 22431	FOXES Further investigations of the question of laten
Comparison of three methods of extracting the flower thrips from rose flowers.	FOOD CONTAMINATION	rabies infection in foxes.
FISH 22317	Isolation of Salmonella from Northern Territory cattle.	FRANKLINIELLA TRITICI
Effects of soil applied trifluralin on fish produc-	22789	Comparison of three methods of extracting the
tion in pools.	Pesticide residues in diary produce.	flower thrips from rose flowers.

FREEZE DRYING Manufacture of a live eanine hepatitis vaccine. 22672	Production of ethylene by sweet potato roots infected by black rot fungus. 22812	GLUCOSE Stimulation of leptospiral growth by glucose. 22653
FREEZING Infectivity of Anaplasma marginale in bovine blood after prolonged freezing.	FUSARIUM LATERITIUM The decay of citrus fruits caused by Fusarium lateritium Nees (Gibberella baccata (Wallr.)	GLYCEROL Infectivity of Anaplasma marginale in bovine blood after prolonged freezing.
22778	Sacc.).	22778
FROGS	22501	GOATS
Action of DDT on the peripheral nervous system of the grass frog Rana pipiens.	FUSARIUM SOLANI Utilization of earbon compounds by Fusarium solani f. aurantifoliae Bhat, and Prasad.	Rev. I Brucella mclitensis vaccine. The stability of the degree of attenuation.
FRUIT	22494	Rev. I Brucella melitensis vaecine. Serological
Integrated plant protection in fruit growing. 22492	GALLERIA MELLONELLA Electromicroscopic experimental study and ob-	reactions in Maltese goats.
Virus tested deciduous fruit trees.	servations of the deposition of the endo and ex- ocuticles in the larvae of Galleria mellonella L.	Efficacy of Naphthalophos and Coumaphos against nematodes of goats.
Summary of insect and mite incidence on fruit in	(Lepidoptera Pyralidae).	22694
1967.	22351 The regulation of comutic process in College	Immunisation with staphyloeoceal eell walls
22533 The heets and life histories of three mirid bugs of	The regulation of osmotic pressure in Galleria mellonella L.	against mastitis.
The hosts and life histories of three mirid bugs of economic importance with notes on their con-	22428	GRACILLARIA SYRINGELLA
trol. 22543	GASES The influence of valuable 2.4 D upon rinning	Evaluation of topically applied dimethoate for
Orehard weed control programs for 1968.	The influence of volatile 2,4-D upon zinnias, snapdragons, and other bedding plants as af-	eontrol of lilae leaf miner.
22566	feeted by other gases such as SO2 and NH3.	GRAIN
Some storage diseases of fruits.	GASTROINTESTINAL SYSTEM	Reflections on the estimation of food losses due
22783	The histology and histochemistry of the anterior	to Bruchidae (Coleoptera).
FUMARIA OFFICINALIS Seed dormancy of Fumaria officinalis.	mid-gut of Periplaneta americana L. (Dietyop-	Seed dormaney of Fumaria officinalis.
22578	tera: Blattidae) with reference to the formation of the peritrophic membrane.	22578
FUMIGANTS Atmospheric fumigation of dormant and non-	22422	Chemical control of Alhagi eamelorum.
dormant weed seed.	GENETICS	GRAPES
22561	Influence of litter size, age, variation, and selec- tive breeding of mice on susceptibility to foot-	Use of hormone weedkillers near vineyards.
Fumigants in India.	and-mouth disease virus.	CDASS SIGVNESS
FUMIGATION	GEOGRAPHY 22640	GRASS SICKNESS Ultrastructural observations on neurons of the
Effect of methyl bromide treatments on several	Insects and mites on tca in Africa and adjacent	sympathetic ganglia in grass sickness.
species of conifer seed.	islands.	GRASSES 22643
FUNGI	The prairie peninsula and secondary intergrada-	Important weeds of turf areas in North Central
Effect of amino acids and organic acids on the	tion in Photinus fireflies (Coleoptera: Lam-	States. 22562
sexual reproduction of species of Phytophthora and Pythium.	pyridae). 22301	Rooting of grasses as affected by siduron.
22504	Host-feeding patterns of Culex tarsalis in the	22581
Process of killing fungi, bacteria or nematodes. Patent 3,422,197.	Sacramento Valley, California, with notes on	Adapting chemical weed control programs to
22832	other species.	meet orehard conditions.
FUNGICIDES	Monarch butterfly (Danaus plexippus) migration	GRASSHOPPERS
Botrytis stem rot. How to control it.	studies: Autumnal movement.	Multiple core complexes in grasshopper sper-
Potential fungicides.	Veromessor lobognathus: Fourth note	matoeytes and spermatids.
22514	(Hymenoptera: Formieidae).	GRAVITATION
The action of ealcium cyanamide on some fungus predators of nematodes.	22467	Responses of termites (Insecta: Isoptera) to gravity.
22553	Legislation for aerial spraying. 22485	22447
Investigation of the toxicity of fungicidal aerosols	GIBBERELLIC ACID	GREENHOUSE CULTURE
to late blight (Phytophtora infestans (Mont.)de Bary) under laboratory conditions.	Seed dormaney of Fumaria officinalis.	Systemic insecticides evaluated for two-spotted mite control on greenhouse eucumhers.
22801	The action of several inhibitors on the respira-	22532
Bis-sulfonyl dihalomethanes as fungicides and	tion of plant tissues treated with gibberellie acid.	Seed dormaney of Fumaria officinalis.
bactericides. Patent 3,426,138.	22807	Posting of grasses as affected by siduron
Fungicidal compositions containing copper bis-	Effect of sucrose, auxins and gibberellic acid on rooting of stem segemnts of Populus nigra under	Rooting of grasses as affected by siduron. 22581
dimethyl acrylate. Patent 3,426,132.	varying light conditions.	GRYLLIDAE
FUNGUS DISEASES (PLANTS)	22818 Effects of ofter ripening and gibberollic acid on	The wood ericket, Nemobius silvestris (Bose), (Orthoptera, Gryllidae) in Surrey.
The decay of citrus fruits caused by Fusarium	Effects of after-ripening and gibherellic acid on the thermoinduction of seed germination in	22334
lateritium Nees (Gibberella baccata (Wallr.) Sace.).	Solanum melongena. 22824	GUINEA PIGS
22501	GLANDS (INSECTS)	Effect of antibiotic therapy on experimental lep- tospirosis infection and development of acquired
Botrytis stcm rot. How to control it.	The abdominal scent organ male hawk moths.	resistance in guinea pigs.
Control peach leaf curl.	Supplements to the knowledge of hawk moths (III) (Lep. Sphingidae).	Experimental infectious canine hepatitis. V. The
22511	(m) (Eep. Spinigidae).	effect of reticulo-endothelial blockade.
Pentachlorobenzyl alcohol, acetate, propionate	On the duet of secretory glands on the first che-	22750 The effects of experimental microscopidia info
and butyrate for combatting rice blast. Patent 3,426,135.	liceral segment in the family Nemastimatidae and the application of this character in taxonomy	The effects of experimental microasearidie infec- tions by Asearis suum in guinea pigs subjected to
22515	(Opilionidea).	total body X- irradiation LD 50/30.
How plants protect themselves against fungus. 22516	GLOBIDIOSIS 22450	GYMNETRON ANTIRRHINI
Influence of some aminotriazine herbicides on	Besnoitiosis and other skin diseases of eattle	New records of two Curculionid beetles in North
some soil fungi.	(Bos indicus) in Uganda.	Carolina.

22667

Hemagglutinine of the adenovirus 31.

HEMAGGLUTINATION-INHIBITION TEST

Isolation and experimental infection of calves

Interactions between atrazine residue and four herbicides: Amiben, CDAA, linuron, and triflu-

Herbicide persistence with different incorpora-

22810

HEMAGGLUTINATION

with parainfluenza-3 virus.

22432

GYNANDROMORPHISM GYNANDROMORPHISM

Potential fungicides.

HABITATS

A gynandromorph of Oxylipeurus mesopelios (Nitzsch) (Mallophaga) from Phasianus colchicus L.

MADITATS	with paramituenza-3 virus.	tors.
Notes on the biology of the parasitic mite	22626	22827
Pyemotes scolyti Oud. (Acari: Pyemotidae).	Recent techniques for the serodiagnosis of	HERBICIDES
	human and animal hydatidosis. III. Evidence of	The knowledge of the interdependence between
Observations on the biology of Gymnaetron	indirect hemagglutination (HAI).	soil pests, weeds, and their control measures.
pascuorum (Gyll.) (Coleoptera: Curculionidae).	22762	22487
22385	HEMATOPOIESIS	Chemical weed control.
A note on the oviposition of Simulium (S.) ab-	Presence of a blood-producing tissue at the level	22526
gyreatum Meigen. 22437	of the dorsal diaphram of Locusta migratoria (Orthoptera).	The continuing struggle against weeds.
	(Orthoptera).	22527
Responses of termites (Insecta: Isoptera) to	HEMIPTERA	The effects of petroleum mulch and herbicides
gravity. 22447	Recent Hemiptera of the Canary Islands.	on lettuce.
	22277	22554
A preliminary report on the breeding sites and		Weed control in established alfalfa with soil-ap-
incidence of Aedes in Delhi.	A new contribution to the taxonomy of the genus	plied herbicides.
22484	Sthenarus Fieber and Psallus Fieber(Hem. Het. Miridae).	22556
HAEMATOBIA IRRITANS	22341	Amine-phosphorus pentafluoride complexes as
A device for immobilizing insects with cooled		herbicides. Patent 3,420,655.
air.	The effect of colchicine on myogenesis in vivo in Rana pipiens and Rhodnius prolixus (Hemip-	22559
22404	tera).	
HAIR	22466	Herbicidal 1-substituted 2,4,5- tribromoimidazoles. Patent 3,423,420.
Fine structure of the tip of chemosensitive hairs	Occurrence of blue leaf-hopper Typhlocyba	22560
in two blow flies and the stable fly.	maculifrons Motsch on rice.	
22457	22528	Environmental control at Boston-Logan Interna-
HALOGEN COMPOUNDS		tional Airport.
Herbicidal 1-substituted 2,4,5-	HEMOGLOBINEMIA	22563
tribromoimidazoles. Patent 3,423,420.	Isolation and identification of Clostridium	Orchard weed control programs for 1968.
22560	hemolyticum in cattle in Florida.	22566
Bis-sulfonyl dihalomethanes as fungicides and		Clobber - post-emergence weed killer.
bactericides. Patent 3,426,138.	HEMOLYSIS	22567
22828	The influence of bee venom on the osmotic	Use of Bipyridyl and Triazine herbicides in rasp-
HAMSTERS	fragility of young rabbit RBC.	berries.
Studies on the development of a live vaccine		22569
against equine rhinopneumonitis (ahortion of	HEMOPROTEINS	The thin-layer effect and the herbicidal action of
mares).	Hemolymph proteins and reproduction in	3,4-dichlorobenzyl methylcarbamate.
22692	Periplaneta americana: The nature of conjugated	22573
HATCHING	proteins and the effect of cardiac-allatectomy on protein metabolism.	
Flavianic acid as a hatching and stimulating	22346	Results of pre-emergent aquatic herbicides in Il- linois.
agent for Heterodera rostochiensis cysts.		11nois. 22574
22548	HEPIALIDAE	
HEART	The types and taxonomy of the Nature-Museum Seckenberg 38: Insecta Lepidoptera Hepialidae.	2-Trichloromethylbenzoxazole as a herbicide.
Primary lesions in cardiac ganglia of the pig after	22328	Patent 3,423,200.
Herpesvirus suis infection.		22575
22628	HEPTACHLOR	The woody plant nurserya useful tool for
Acute and chronic Erysipelothrix rhusiopathiae	Bioassay evaluation of heptachlor, isobenzan,	evaluation of herbicides.
infection in rats.	and diazinon used against the alfalfa weevil in Northern Utah.	22576
22659	22523	The effects of three formulations of butyric her-
The number of Aelurostrongylus abstruses larvae		hicides on newly-seeded and established stands
required to produce pulmonary disease in the	Termite control measures in building construc- tion.	of alfalfa.
cat.	22785	22577
22763		Herbicidal composition. Patent 3,425,820.
HEART RATE	On reproduction studies and the occurrence of	22580
Observations on the rate of heart-beat in the	cataracts in rats after long-term feeding of the in- secticide heptachlor.	Rooting of grasses as affected by siduron.
various stages of the tiger beetle Cicindela can-	secticide neptactior.	22581
cellata Dej.		Effects of direct contact of pine seeds or young
22453	HERBICIDE RESIDUES Observations on the use of preplant herbicides in	seedlings with commercial formulations, active
HELIOTHIS VIRESCENS	pasture establishment in the wet tropics.	ingredients, or inert ingredients of triazine herhi-
Antifeeding effect of DDT on bollworm and	22557	cides.
tobacco budworm larvae.		22582
22362	Factors affecting the activity of diallate.	Incorporation of herbicides in mulches.
HELIOTHIS ZEA		22584
Antifeeding effect of DDT on bollworm and	Phragmites control in Delaware, 1965.	
tobacco budworm larvae.	22570	A new small multiple tree technique for assessing the effects of herbicides on woody plants.
22362	Environmental variables and weed control with	22585
Populations of fall armyworm, corn earworm,	pyrazon in sugar beets.	
and sugarcane borer on St. Croix, U.S. Virgin	22591	Evaluation of diquat as an aquatic herbicide applied at 2 gallons per surface acre, under Min-
Islands.	Influence of soil type on the tolerance of sugar-	plied at 2 gallons per surface acre, under Minnesota conditions.
22452	cane to fenac.	nesota conditions. 22586
HELMINTHIASIS	22594	
Investigations concerning the immunobiological	Adapting chemical weed control programs to	Recent developments in the control of woody
diagnosis of helminthiasis by means of simultane-	meet orchard conditions.	weeds in New Zealand. 22588
ous intradermal tests with several different	22603	
parasite antigens.	Persistence of herbicides in ponded water and	Azak - a new crabgrass herbicide.
22767	soils.	22590
Investigation of the helminthofauna of beasts of	22790	Control of Whitebrush (Aloysia lycioides
prey.	Field investigations of claims against herbicides.	Cham.) with picloram.
22779	22792	22592
HELMINTHOSPORIUM	Penetration and accumulation of fenuron in	Influence of some aminotriazine herbicides on

forest soils.

22514

some soil fungi.

22593

	Composition and method for controlling undesirable plant growth. Patent 3,425,821.	Method of combatting herpes virus with 5- nitrouracil. Patent 3,423,508.	and cuticular structures of trematodes.
			HISTOLOGY
	Technique to study the movement of CDAA from a granule into soil. 22597	Light and electron microscopic examinations of a new bovine herpes virus. 22721	Biological observations on 53 species of the su- perfamilies, Chalcidoidea and Proctotrupoidea,
	Aquatic herbicide. Patent 3,421,880.	HETERODERA	from Japan (Hymcnoptera: Apocrita).
	Herbicide/surfactant combinations for celery	Horsenettle cyst nematode, Heterodera virginiae n. sp., a parasite of solanaceous plants. 22550	Presence of a blood-producing tissue at the level of the dorsal diaphram of Locusta migratoria
	seedbeds. 22599	HETERODERA ROSTOCHIENSIS	(Orthoptera).
	Some changes in weed species in response to control methods and chemicals in Hawaii. 22600	South American origin of European pathotypes of the potato-root eelworm, Heterodera rostochiensis Wollenweber. 22545	Histological observations of the formation of ele- mentary and reproductive ova in the ovaries of Plagiolepis pygmaea Latr. (Hymenoptera For-
	Weed control in young peach orchards. 22601	The survival of desiccated larvae of Heterodera rostochiensis and H. schachtii.	micidae). 22435
	Weed control in scedling alfalfa. 22602	22546	Studies on the biology of Athalia proxima Klug (Tenthredinidae; Hymenoptera).
	Adapting chemical weed control programs to meet orchard conditions.	Flavianic acid as a hatching and stimulating agent for Heterodera rostochiensis cysts. 22548	On the presence of mycoplasma-like particles in
	22603	HETERODERA SCHACHTII	the inner bark of plants damaged by diseases of
	Control of submerged aquatic weeds in rice fields.	The survival of desiccated larvae of Heterodera rostochiensis and H. schachtii.	the yellow type (Aster Yellow, Phyllody of clover, Stolbur of tomatoes) and on the relation-
	22604	22546	ship of these particles to the ones found in various Insecta Homoptera.
	Bioassay evaluation of depth distribution of in- corporated soybean preemergence herbicides.	HETEROGENESIS	22505
	22605 Processing pca responses to MCPB applications	Antigenic variation in Vibrio cholerae resulting from chromosomal transfer by conjugation. 22631	The pear psylla, Psylla pyricola Foerster, in Ontario; Homoptera: Chermidac.
	at different growth stages.	HETEROPTERA	22544
	22612	Initial survey of arthropod predators of the Eu-	Primary lesions in cardiac ganglia of the pig after Herpesvirus suis infection.
	Investigations with paraquat (Gramoxone) as a	ropean red mite in south-central Pennsylvania.	22628
	herbicide for weed control in low-grown tea. 22613	22282	Besnoitiosis and other skin diseases of cattle
	Herbicide combinations.	Eurycolpus enslini n. sp., a new species of Phylini DGL. SC. from southern Turkey (Heteroptera Miridae).	(Bos indicus) in Uganda.
	Effects of soil applied trifluralin on fish produc-	22330	Ocular toxoplasmosis in cats.
	tion in pools.	Lipokophila chinai gen. n., sp. n A new genus of	Shape deviations in eggs of Ascaris lumbricoides.
	22791	Plokiophilidae (Heteroptera) from Brazil.	22769
	Persistance of trifluralin in soil. 22793	A new contribution to the taxonomy of the genus	HISTORY On the identity of the Greek parasitic insect ois-
	Effect of several herbicides on the proteolytic activity in squash.	Sthenarus Fieber and Psallus Fieber(Hem. Het. Miridae).	tros . 22285
	22804	Technical notes on harmful insects from	Contribution to the history of the discovery of in-
	Dodder:Potential research tool.	Malagasy.	sect hormones.
	Interactions between atrazine residue and four	22349 HIDES	22407 Czechoslovak and Soviet parasitology: History,
	herbicides: Amiben, CDAA, linuron, and trifluralin.	Survival of foot-and-mouth disease virus in	interrelations and work.
	22810	bovine hides.	HOG CHOLERA
	Use of laboratory evaluations for aquatic herbicides and algicides.	HILL REACTION	Tissue culture hog cholera vaccine. Patent 3,422,188.
	22811	Partitioning and distribution of herbicides in spinach chloroplasts.	3,422,188.
	Partitioning and distribution of herbicides in spinach chloroplasts.	22815	Critical considerations on the diagnostic useful- ness of the END method for the in vitro detec-
	22815 Partitioning and distribution of herbicides in	Partitioning and distribution of herbicides in spinach chloroplasts.	tion of the hog cholera.
	spinach chloroplasts.	22816	A case of eperythrozoonosis suis and its dif-
	Inhibition of the Hill reaction of isolated	Inhibition of the Hill reaction of isolated chloroplasts by amide-containing herbicides.	ferential diagnostic significance in relation to suspected swine fever.
	chloroplasts by amide-containing herhicides.	HISTOCHEMISTRY 22817	22678
	Utilization of 14C metabolites, incorporation of	The histology and histochemistry of the anterior	Clinical and pathological aspects of hog cholera in grieving physically sub-standard pigs.
	32P and changes in respiration occurring in leaves from dalapon treated beans.	mid-gut of Periplaneta americana L. (Dictyop- tera: Blattidae) with reference to the formation	Studies on the problems associated with the ac-
	22819	of the peritrophic membranc.	tivation of latent or inapparent salmonelloses by
	Translocation of herbicides in American pondweed (Potamogeton nodosus Poir.).	Histochemical and electron microscopic studies of dog kidney cells in the early stages of infection	mcans of vaccination as well as on the possibility of simultaneous vaccination against salmonellosis and swine fever.
	Adsorption of herbicides to proteins.	with infectious canine hepatitis virus.	22747
	22830	Experimental transmission of bovine	HOG CHOLERA VACCINES Tissue culture hog cholera vaccine. Patent
	New herbicides analyzed at the Instituto Biologico during the years of 1966, 1967 and 1968.	mycoplasma in calves and turkeys.	3,422,188.
	22834	Experimental paratuberculosis in sheep after	HOG CHOLERA VIRUS
	Where do we stand on safe use of posticides. 22845	oral, intratracheal, or intravenous inoculation: Histochemical localization of hydrolase activi-	Susceptibility of cultured mammalian cells to in- fection with virulent and modified hog cholera
H	IERPESVIRUSES Primary lesions in cardiac ganglia of the pig after	ties. 22696	viruses. 22704
	Herpesvirus suis infection.	Experimental paratuberculosis in sheep after	Cytogenetic alterations in swine kidney cells per-
	22628	oral, intratracheal, or intravenous inoculation:	sistently infected with hog cholera virus and
	Isolation and identification of a further new	Histochemical localization of dehydrogenase activities.	propagated with and without antiserum in the medium.
	bovine herpes virus.	tivities.	medium.

HOMOPTERA

hinis. II.

HYDROLASES
Experimental paratuberculosis in sheep after oral, intratracheal, or intravenous inoculation: Histochemical localization of hydrolase activi-

HOMOPTERA Homoptera of the Kurile Islands.	2283	HYDROPHILIDAE Weather and diurnal periodicity of f Helophorus brevipalpis Bedel (Col.		Specificity of acquired resistance produced by immunization with Listeria monocytogenes and listeria fractions.
On the presence of mycoplasma-like particl the inner bark of plants damaged by diseas	ses of	philidae).	22420	22645 Effects of chronic residence on size and size dis-
the yellow type (Aster Yellow, Phyllod clover, Stolhur of tomatoes) and on the rela ship of these particles to the ones found in	ition-	Stabilization of aqueous solutions of the chemosterilant m-Xylohydroquinone (n		tribution of plaques of type A foot-and-mouth disease virus in primary calf kidney cell cultures. 22652
ous Insecta Homoptera.	2505	by vitamin C.	22752	Comparison of the resistance of different-aged
Honey bees and the farmer.		HYLOBIUS New records of two Curculionid beetles i		pheasants to eastern encephalitis virus from dif- ferent sources.
2	2378	Carolina.	III (NOI UI	On immunoprecipitation in swine plague.
HORMONES			22344	22665
Can insect hormones and their mimics be us control pests.	ed to	Insecticides in Norwegian forestry.	22515	Effect of antibiotic therapy on experimental lep-
	2390 of in-	Insecticides in Finnish forestry.	22517	tospirosis infection and development of acquired resistance in guinca pigs.
sect hormones.		HAVATEN OPTED A	22530	22669
Purification of the brain hormone of the	2407 silk-	HYMENOPTERA Abnormal individuals and taxonomic	crrors	Studies on the development of a live vaccine against equine rhinopneumonitis (ahortion of mares).
worm Bombyx mori.	2 4 1 4	(Hymenopt.).	22257	22692
Central nervous system control of circa	2414	Revision of Palaearctic species of Eusa		Experimental contributions to the knowledge of
rhythmicity in the cockroach. I. Role of the intercerebralis.		Ratz. Hym., Eupelmidae).	22259	dermatitis pustulosa of sheep. V. Investigations into the development of immunity to the virus of
	2433	A new European species of Lysiphlebus	s (Hym.	dermatitis pustulosa at various places of the sur-
Use of hormone weedkillers near vineyards.		Aphididae).	•	face of the body.
	2610	Harris A. C. L. A.	22303	Blood transfusions during patent bovine anaplas-
HORSES Ultrastructural observations on neurons of	f the	Hymenopteran parasites of Lonchaca Becker (Diptera: Lonchaeidae).	i fugax	mosis.
sympathetic ganglia in grass sickness.	the	better (Dipiera. Bonenacidae).	22353	22746
	2643	Emergence of parasites associated w	ith the	Further investigations of the question of latent rabies infection in foxes.
Immunization of horses against African ho		cabbage aphid during a chemical-cont	rol pro-	22748
sickness with attenuated neurotropic viral st propagated in chicken embryos.	rains	gram.	22400	Active immunity against Trichostrongylus axei in
	2662	Manifestations of competition in parasi		sheep and rabbits.
Equine piroplasmosis: Indirect flourescent	an-	plexes as a problem in biological pest con	trol.	22774
tibody test for Babesia caballi.	2689	The state of the s	22438	IMMUNIZATION Results of continuous low-level inoculations with
Studies on the development of a live vac	ccine	The small gooseberry sawfly (Pristiphora Lep.), a little-known post of gooseberries		Eimeria bovis in calves.
against equine rhinopneumonitis (abortio mares).	n of		22542	Immunization of horses against African horse-
	2692	HYPERA Setting up a method for control of clover	waavile	sickness with attenuated neurotropic viral strains
HOST RELATIONSHIPS		Setting up a method for control of clover	22519	propagated in chicken embryos.
Susceptibility of tissue culture cells to foot- mouth disease virus: Concentration of bo		HYPERA POSTICA		22662
serum in culture medium.	WIIIC	Bioassay evaluation of heptachlor, iso		Encephalitis in horses in Hillsborough County, Florida, 1964.
	2702	 and diazinon used against the alfalfa w Northern Utah. 	cevii in	22671
Azak a naw grabarny bashiqida			22523	Manufacture of a live canine hepatitis vaccine.
Azak - a new crabgrass herbicide.	2590	HYPODERMA BOVIS		Studies on the development of a live wasing
HUMIDITY		On the identity of the Greek parasitic instros.	sect ois-	Studies on the development of a live vaccine against equine rhinopneumonitis (abortion of
Significance of fluctuating humidities			22285	mares).
frequency of blood meals on the survival of spiny rat mite, Echinolaelaps echidninus (ICERYA PURCHASI		22692
lese).		Beginning of embryonic development wi	thin the	Entero-toxaemia of sheep and lambs. 22708
	2247	maternal organism of Icerya purchasi Ma	22445	Immunologic response of fowl to Mycoplasma
The influence of certain factors on the fecur of Sitophilus oryzac (L.).	ndity	ICHNEUMONIDAE		gallisepticum and its relationship to latent infec-
	2394	A revision of the genus Periope Halid		tion. 22710
Changes in the population of Cecidomyiidae.		description of a new species (Hymer Ichneumonidae).	ioptera,	Reactions of sheep to cell-culture-modified foot-
	2398	Terricumonique).	22297	and-mouth disease virus.
Effect of temperature and humidity on susceptibility of bedbugs to insecticides.	the	ILEX VOMITORIA		22723
	2455	 A new small multiple tree technique for a the effects of herbicides on woody plants. 	ssessing	Immunisation with staphylococcal cell walls against mastitis.
Interactions between atrazine residue and		the circus of heroleides on woody plants.	22585	22728
herbicides: Amihen, CDAA, linuron, and tr ralin.	mu-	IMIDAN		Fowl poxa costly disease cheaply prevented.
	2810	Rcd legged earth mite and pea mite revis trol recommendation.	ed con-	22730
HYDROGEN-ION CONCENTRATION	7	troi recommendation,	22539	Studies on the problems associated with the ac- tivation of latent or inapparent salmonelloses by
Further studies on mosaic disease of maize (mays L.).	Zea	IMIDAZOLES		means of vaccination as well as on the possibility
	2512	Herbicidal 1-substituted	2,4,5-	of simultaneous vaccination against salmonello-
Serological response of pigs to infection		tribromoimidazoles. Patent 3,423,420.	22560	sis and swine fever.
Mycoplasma. Demonstration of growth metabolism-inhibiting antibodies in sera of		IMMUNITY	32200	IMMUNOCHEMISTRY
inoculated intranasally with Mycoplasma h		Influence of litter size, age, variation, and	d selec-	Studies on the site of replication of vesicular sto-

46

tive breeding of mice on susceptibility to foot-and-mouth disease virus.

Specificity of the anamnestic response produced by Listeria monocytogenes or Mycobacterium tuberculosis to challenge with Listeria mono-

22661

22696

cytogenes.

Investigations concerning the immunobiological diagnosis of helminthiasis by means of simultaneous intradermal tests with several different parasite antigens.

22648

22767

matitis virus.

IMMUNODIAGNOSIS

22640

		INSECT COLLECTING EQUIPMENT
IMMUNOLOGY	The histology and histochemistry of the anterior	Manifestations of competition in parasite com-
Comparative fluorescence-immunological and cytopathological studies with various virus	mid-gut of Periplaneta americana L. (Dictyop- tera: Blattidae) with reference to the formation	plexes as a problem in biological pest control. 22438
strains of the mucosal disease of cattle.	of the peritrophic membrane.	Light reflexes of caterpillars of Bombyx mori L.
INCLUSION BODIES	INSECT BEHAVIOR	(Lepid.). 22446
Cytopathologic changes and development of in- clusion bodies in cultured cells infected with bluetongue virus.	Host-feeding patterns of Anopheles freeborni in the Sacramento Valley, California. 22250	Responses of termites (Insecta: Isoptera) to gravity.
22635	Biological observations on 53 species of the su-	22447 Studies on the biology of Athalia proxima Klug
INFECTIOUS CANINE HEPATITIS Experimental infectious canine hepatitis. V. The effect of reticulo-endothelial blockade.	perfamilies, Chalcidoidea and Proctotrupoidea, from Japan (Hymenoptera: Apocrita). 22284	(Tenthredinidae; Hymenoptera).
22750 INFECTIOUS CANINE HEPATITIS VIRUS	A new Photinus firefly, with notes on mating	Ants- ancient city dwellers. 22456
Histochemical and electron microscopic studies of dog kidney cells in the early stages of infection	behavior and a possible case of character dis- placement (Coleoptera: Lampyridae).	Host-feeding patterns of Culex tarsalis in the Sacramento Valley, California, with notes on
with infectious canine hepatitis virus.	A review of North American Ardeicola (Mal-	other species.
INFECTIOUS DISEASES Definition of terms in large scale rat control.	lophaga: Philopteridae). 22340 Sexual responses of adult male Aedes aegypti	Monarch butterfly (Danaus plexippus) migration studies: Autumnal movement.
22622 INFECTIOUS LARYNGOTRACHEITIS VIRUS	using the forced-copulation technique.	22461
Replication of infectious laryngotracheitis virus in chicken kidney cell culture.	Notes on the biology of the parasitic mite	Insect and host factors in the aggregation of the southern pine beetle.
INJECTIONS 22691	Pycmotes scolyti Oud. (Acari: Pyemotidae). 22352	The ergonomics of caste in the social insects.
Varietal resistance of winter barley to loose smut	Demography of the damselfly, Argia plana Calvert (Odonata Coenagriidae).	22473
of barley (Ustilago nuda (Jens.) Rostr.).	22356	INSECT BIOLOGY Contribution to the morphological and biological
Effects of progesterone treatments on delayed	Antifeeding effect of DDT on bollworm and tobacco budworm larvae.	study of Tetranychus neocaledonicus Andre 1933 (AcarinaTetranychidae) cotton red-
implantation in mink. 22620	22362	spider in Madagascar.
Results of continuous low-level inoculations with Eimeria bovis in calves.	The regulation of cyclic reproductive and feed- ing activity in the milkweed bug Oncopeltus by	22276 Tapinesthis inermis, a new Oonopid for Germany
22655	temperature and photoperiod.	(Arachnida, Araneae, Oonopidae).
Serological response of pigs to infection with Mycoplasma. Demonstration of growth and	Research on the sexual behavior of Pityokteines	22294 Taxonomy and biology of Trithyreus brasiliensis
metabolism-inhibiting antibodies in sera of pigs inoculated intranasally with Mycoplasma hyor-	spinidens Reit. (Coleoptera Scolytidae polygamous) and a study of the factors that make the male more attractive to the female.	n. sp. (Arach., Pedipalpi, Schizopeltidia).
hinis. II. 22661	22370	The taxonomy and biology of two sympatric
Effects of estrogens upon Anaplasma marginale infection in splenectomized cattle.	Observations on the biology of Gymnaetron pascuorum (Gyll.) (Coleoptera: Curculionidae). 22385	sibling species of Culex, C. pipiens and C. tor- rentium (Diptera, Culicidae).
22675 Studies on staphylococcosis in chickens. II.	Late-season feeding and emergence of the tobac-	Contribution of a biological study of Pissodes notatus F. (Col. Curculionidae).
Pathogenicity of staphylococcus aureus of chicken origin for various experimental animals.	co flea beetle.	22366
22681	Contributions to the biology of the bumble bee.	The influence of certain factors on the fecundity of Sitophilus oryzae (L.).
Experimental paratuberculosis in sheep after oral, intratracheal, or intravenous inoculation:	Sound-production in Netherland Lycaenidae.	22394
Histochemical localization of hydrolase activities.	22388	Further observations on the biology of the oyster nut shield bug (Piezosternum calidum Fab.).
22696	The dance of the bees. 22389	22402
Experimental paratuberculosis in sheep after oral, intratracheal, or intravenous inoculation:	Contributions to the knowledge of host plants of middle German aphididae.	Studies on the biology of Athalia proxima Klug (Tenthredinidae; Hymcnoptera).
Serologic and intradermal tests. 22697	A small contribution concerning the knowledge	Ants- ancient city dwellers.
Experimental paratuberculosis in sheep after oral, intratracheal, or intravenous inoculation:	of Cecidomyiidae.	22456
Histochemical localization of dehydrogenase ac-	22399 Contribution to the history of the discovery of in-	INSECT CAGES Concerning the influence of various light colors
tivities. 22698	sect hormones.	and the different population densities on the lifespan and egg production of the carrot fly,
Experimental Streptococcus agalactiae mastitis in cattle: Attempts to superimpose the organism	22407 Teflon and cornstarch-coated paper as substrates	Psila rosea Fabr.
in lactating glands harboring unrelated bacterial	for oviposition by cabbage looper moths.	22310 Culiseta melanura (Coquillett) breeding in artifi-
infections and in glands with experimentally in- duced sterile inflammation.	Feeding and oviposition behavior in the	cial containers.
Experimental Pseudomones corruinese meeticis	mosquito Aedes aegypti (L.). I. Preliminary stu- dies of physiological control mechanisms.	22465 INSECT COLLECTING EQUIPMENT
Experimental Pseudomonas aeruginosa mastitis in cattle.	Ranges of circadian period length.	A dry ice-baited trap for the collection and field storage of hematophagous Diptera.
Routes of elimination of Erysipelothrix insidiosa	Feeding and parasitism in gnats (Dint.) also	22244 Initial survey of arthropod predators of the Eu-
from infected swine. 22749	Feeding and parasitism in gnats (Dipt.), also some finds.	ropean red mite in south-central Pennsylvania.
Experimental infections of Ostertagia ostertagi in calves: Results of two regimens of multiple in-	22431 Central nervous system control of circadian	A new effective flotation method for the collec-
noculations.	rhythmicity in the cockroach. I. Role of the pars	tion of nidicolous parasites and other nest inhabi-
INSECT ACCLIMATIZATION 22756	intercerebralis. 22433	tants. 22293
Acclimatization of insects to low temperatures.	A feeding stimulant for pink bollworm larvae in	Comparison of three methods of extracting the
22454	water extracts of cotton.	flower thrips from rose flowers.

INSECT ANATOMY
The distribution pattern of indirect flight muscle fibres in Aedes aegypti (L.) (Diptera: Culicidae).
22354

A note on the oviposition of Simulium (S.) abgyreatum Meigen.

22434

22437

A collection device for Leptoconops kerteszi (Diptera: Ceratopogonidae) biting gnats.

INSECT CONTROL

the wheat stem sawfly.	California.	Induction of resistance to Bacillus thuringiens in a laboratory strain of house flics.
	22770	2247
INSECT CONTROL A standard yellow jacket trap for population sampling and control evaluation.	Taxonomyecology, a mutual relationship.	INSECT EVOLUTION A revision of the Tertiary fossil species of the
22249	District 1 by 22291	Kalotermitidac (Isoptera).
Contribution to the morphological and biological	Biological observations on some sandflies (Phlchotomus) of Rancho Grande (Venezuela).	2227
study of Tetranychus neocaledonicus Andre 1933 (AcarinaTetranychidae) cotton red-	Description of a limited area of a cloudy forest	Observations on the alpine fauna of Coleopter and its origin.
spider in Madagascar.	and the taxonomy of the Phlebotomus (Diptera,	2241
Entomology and entomologists.	Psychodidae).	The morphological and functional evolution of the mouthparts in adult Lepidoptera.
22306	Amphipyra pyramidea L. a double species (Lep., Agrolidae).	2241
N-methyl 3-methyl-5-cthyl phenyl carbamate as an insecticide Patent 3,422,198.	The Dipterous genus Diostracus Loew	Ranges of circadian period length. 2242
22357	The Dipterous genus Diostraeus Loew (Dolichopodidae).	Manifestations of competition in parasite con
Field studies of insecticides for control of the coffee leaf miner, Leucoptera coffeella.	22337	plexes as a problem in biological pest control. 2243
22365	Notes on the Scandinavian Ptychopteridae, with description of a new species (Diptera).	The evolution and dispersal of the grassland lea
Can insect hormones and their mimics be used to	22339	hopper genus Exitianus, with keys to the Ol World species (Cicadellidae: Hemiptera).
control pests . 22390	Some Swedish Hydroporus species (Col., Dytiscidae) with descriptions of Hydroporus el-	2244
A collection device for Leptoconops kerteszi	jasi n. sp	The evolution of resistance in hosts and pests.
(Diptera: Ceratopogonidae) biting gnats.	22343	2249
Calculating the grade of effectiveness of a	Sun orientation during migration in some British butterflies.	INSECT FLIGHT
microbiological control action against insect	22350	Sun orientation during migration in some Britis butterflies.
pests. 22395	Notes on the biology of the parasitic mite Pyemotes scolyti Oud. (Acari: Pyemotidae).	2235 The distribution pattern of indirect flight muscl
An estimate of the area of Danish forestry which	22352	fibres in Aedes aegypti (L.) (Diptera: Culicidae
is treated with posticides other than herbicides.	Investigations into the circumpolar blackfly	2235
Effects of lindane and carbaryl on insects, soil	fauna (fam. Simuliidae, Dipt.).	Weather and diurnal periodicity of flight b
and plant nitrogen, and grain yield of rice.	The concept of microclimate from an cn-	Helophorus brevipalpis Bedel (Col. Hydrophilidae).
22522	tomological point of view.	2242
The pear psylla, Psylla pyricola Foerster, in Ontario; Homoptera: Chermidae.	22376	Monarch butterfly (Danaus plexippus) migratio
22544	To the methods of studying the environmental temperature of the tick lxodes ricinus L.	studies: Autumnal movement.
Termite control measures in building construc-	22381	Veromessor lobognathus: Fourth not
tion. 22785	Observations on the biology of Gymnaetron	(Hymenoptera: Formicidae).
Threshold values in the economics of insect pest	pascuorum (Gyll.) (Coleoptera: Curculionidae). 22385	INSECT GENETICS 2246
control in agriculture.	Observations on the alpine fauna of Coleoptera	The ergonomics of caste in the social insects.
INSECT CULTURES	and its origin.	2247
Induction of resistance to Bacillus thuringiensis	Observations on the large of Historian L.	Studies on the terminal respiratory systems in the
in a laboratory strain of house flies.	Observations on the larva of Hippotion celerio Linnaeus (Lepid., Sphingidae) in Tanzania.	minute (2)z mutant of Drosophila melanogaster 2247
INSECT DISEASES	22413	The relation between inversion heterozygosit
New observation concerning the pathogenic ac-	Manifestations of competition in parasite complexes as a problem in biological pest control.	and dominant lethality in Drosophila pseudoob scura.
tion of Trypanosoma rangeli Tejera, 1920 on Rhodnius prolixus Stal, 1859.	22438	2247
22401	Acclimatization of insects to low temperatures.	The genetics of Chilasa clytia lankeswara (the
Induction of resistance to Bacillus thuringiensis	Systematic discontinuities between and	common mimc).
in a laboratory strain of house flics.	Systematic discontinuities between eggs and hoppers from individual egg-pods of the brown	Multiple core complexes in grasshopper spcr
INSECT DISSEMINATION	locust. 22462	matocytes and spermatids. 22478
A review of North American Ardcicola (Mallophaga: Philopteridae).	A brood of Callidium texanum Schaeffer	Selection of phase types based on hopper colora
22340	(Cerambycidae).	tion in Locusta migratoria migratorioide
Sun orientation during migration in some British butterflies.	The ergonomics of caste in the social insects.	(Reiche Fairmaire).
22350	22473	On the dispersal of Drosophila.
The distribution pattern of indirect flight muscle	A preliminary report on the breeding sites and	22480
fibres in Aedes acgypti (L.) (Diptera: Čulicidae). 22354	incidence of Acdes in Delhi.	Dispersion of Drosophila pseudoobscura.
Contributions to the biology of the bumble bec.	The evolution of resistance in hosts and pests.	INSECT HISTOLOGY
22387	22497	The histology and histochemistry of the anterio
A pheromone-like dispersant affecting the local	INSECT EGGS Contributions to the biology of the bumble bee.	mid-gut of Periplaneta americana L. (Dictyop tera: Blattidae) with reference to the formation
distribution of the European house cricket, Acheta domestica.	22387	of the peritrophic membrane.
22448	A staining technique for jack-pine hudworm egg	22422
Veromessor lobognathus: Fourth note (Hymenoptera: Formicidae).	masses.	Regenerating tissues from the cockroach, Leu-
(Hymenoptera: Pormicidae).	22415 Histological observations of the formation of cle-	cophaea maderae: Nerve regeneration in vitro. 22425
The armyworm Pseudaletia unipuncta Haworth	mentary and reproductive ova in the ovaries of	INSECT IDENTIFICATION
in Ontario in 1964.	Plagiolopis pygmaea Latr. (Hymenoptera Formicidae).	Abnormal individuals and taxonomic errors
Ticks (Ixodoidea) of domestic animals in Iraq;	22435	(Hymenopt.). 22257
spring and early summer infestations in the Liwas	The ecology of Sminthurus viridis (Collembola).	Lectotype designations of Cerambycidae in the
of Baghdad, Kut, Amara, and Basra.	II Diapause in the aestivating egg.	British Museum (Natural History) (Coleoptera). 22263
	22707	2220.3

2240I

22407

22396

Lectotype designations of Cerambycidae in the Museum d' Histoire Naturelle, Paris (Coleoptera).	postvittana (Walk.) (Lepidoptera: Tortricidae).	Experimental study of the effect of nutrition or cyclecompletion in Pythidae parasites in tropica cultures.
New species of Erythroneura (Homoptera:	Occurrence of giant muscle fibers in the flight	INSECT OUTBREAKS
Cicadellidae).	muscle of Pantala flavescens (F.) (Libellulidae: Odonata).	Systematic discontinuities between eggs and hoppers from individual egg-pods of the brown
On the identity of the Greek parasitic insect ois-	22355	locust.
tros.	reflexes of the Dictyoptera Blaberidae and Blat-	22462 Insect and host factors in the aggregation of the
The prairie peninsula and secondary intergrada-	tidae. 22359	southern pine beetle.
tion in Photinus fireflies (Coleoptera: Lam-		22463
pyridae). 22301	diac nerves of Dictyoptera Blaberidae and Blat-	The armyworm Pseudaletia unipuncta Hawortl in Ontario in 1964.
New Nearctic and Neotropical muscoidean Dip-	tidae. 22360	22525
tera (Sarcophagidae and Tachinidae).	Description of the neuro-endocrine reflex arcs	INSECT PESTS Technical notes on harmful insects from
22324	behind the ocelli in the Dictyopteran Mantidae.	Malagasy.
Two new and economically significant		22349
Chloropidae, with the description of a new genus (Diptera).	Contribution of a biological study of Pissodes	Developments in pest control. 1. The presen
22326	notatus F. (Col. Curculionidae).	status of resistance. II. The future of pest control 2236;
Investigations concerning gall gnats. VI. The		Calculating the grade of effectiveness of a
justification of the genus Nouryodiplosis Tavares 1929.		microbiological control action against insec
22332	Daily weight gain of the European corn borcr	pests. 2239:
A review of North American Ardeicola (Mal-	reared on artificial media (Lepidoptera:	Further observations on the biology of the oyste
lophaga: Philopteridae).	Pyraustidae).	nut shield bug (Piezosternum calidum Fab.).
22340	22373	22402
A new contribution to the taxonomy of the genus Sthenarus Fieber and Psallus Fieber (Hem. Het.		Ants- ancient city dwellers.
Miridae).	and Phlebotomus perfiliewi (Diptera,	22450
22341	Psychodidae) in Romania.	Citrus diseases and pests.
A neglected diagnostic character of the Apoidea		The evolution of resistance in hosts and pests.
(Hymenoptera).	The post-cephalic stomodial nervous system of	2249
22421	Schistocerca gregaria Forsk. (Orthoptera) and Blabera craniifer Burm. (Dictyoptera).	Summary of insect and mite incidence on fruit in
Monarch butterfly (Danaus plexippus) migration studies: Autumnal movement.	22380	1967.
22461	Sound-production in Netherland Lycaenidae.	22533
Veromessor lobognathus: Fourth note	22388	Insects cost us money.
(Hymcnoptera: Formicidae).	A laboratory investigation of maturation in the Cuban burrowing cockroach Byrsotria fumigata	INSECT PHYSIOLOGY
22467	(Guerin).	The morphological basis of embryonic move
Occurrence of blue leaf-hopper Typhlocyba	22392	ments in the light brown apple moth, Epiphya
maculifrons Motsch on rice. 22528	Presence of a blood-producing tissue at the level	postvittana (Walk.) (Lepidoptera: Tortricidae). 22348
Ticks (Ixodoidea) of domestic animals in Iraq;	of the dorsal diaphram of Locusta migratoria (Orthoptera).	Influence of temperature on the fecondity o
spring and early summer infestations in the Liwas		Asaphes vulgaris Walker (Hymenoptera
of Baghdad, Kut, Amara, and Basra.	The morphological and functional evolution of	Pteromalidae).
22755	the mouthparts in adult Lepidoptera.	
NSECT METABOLISM Hemolymph proteins and reproduction in	On the dust of segretary glands on the first sha	Light-inhibition of flashing in the firefly Photuri missouriensis.
Periplaneta americana: The nature of conjugated	On the duct of secretory glands on the first cheliceral segment in the family Nemastimatidae	22369
proteins and the effect of cardiac-allatectomy on	and the application of this character in taxonomy	Disrupted fertility of the hidebeetle Dermester
protein metabolism. 22346	(Opilionidea).	maculatus (Deg.) due to dietary overdose o biotin.
	Observations on the rate of heart-beat in the	22377
Disrupted fertility of the hidebectle Dermestcs maculatus (Deg.) due to dietary overdose of	various stages of the tiger beetle Cicindela can-	An investigation of Factor S, a neuromuscula
biotin.	cellata Dej.	excitatory substance from insects and crustacea.
22372	1NSECT NAMES 22453	2237.
SECT MIGRATION	Seasonal succession of bloodsucking Diptera in	Study on the permiability of the sensory organ of the appendages of the head in the larvae of
Sun orientation during migration in some British butterflies.	Wisconsin during 1965.	Speophyes lucidulus (Delar.) (Coleoptera).
22350	22245	2237:
Notes on Argentine butterfly migration, 1965-	Lectotype designations of Cerambycidae in the British Museum (Natural History) (Coleoptera).	Nitrogen and phosphorus content of greenbug reared on fertilized wheat.
66.	22263	2238.
22405	Lectotype designations of Cerambycidae in the	Can insect hormones and their mimics be used to
The evolution and dispersal of the grassland leaf- hopper genus Exitianus, with keys to the Old	Museum d' Histoire Naturelle, Paris (Coleop-	control pests .
World species (Cicadellidae: Hemiptera).	tera).	22390
22443	Homoptera of the Kurile Islands.	A laboratory investigation of maturation in the Cuban burrowing cockroach Byrsotria fumigate
Monarch butterfly (Danaus plexippus) migration	22283	(Guerin).
studies: Autumnal movement. 22461	Biological observations on 53 species of the su-	22392
	perfamilies, Chalcidoidea and Proctotrupoidea,	Emergence of parasites associated with the
ISECT MORPHOLOGY Contribution to the morphological and biological	from Japan (Hymcnoptera: Apocrita).	cabbage aphid during a chemical-control program.
study of Tetranychus neocaledonicus Andre	New Nearctic and Neotropical muscoidean Dip-	22400
1933 (AcarinaTetranychidae) cotton red-	tera (Sarcophagidae and Tachinidae).	New observation concerning the pathogenic ac
spider in Madagascar.	22324	tion of Trypanosoma rangeli Tejera, 1920 of Rhodnius prolixus Stal, 1859.
Additions and corrections to the British list of	INSECT NUTRITION Dietary choline requirements for sperm motility	2240.
Atomaria s. str. (Col., Cryptophagidae), includ-	and normal mating activity in Drosophila	Contribution to the history of the discovery of in
ing a species new to science.	melanogaster.	sect hormones.

INSECT POLLINATORS

Feeding and oviposition behavior in the mosquito Aedes aegypti (L.). I. Preliminary studies of physiological control mechanisms.	Induction of resistance to Bacillus thuringiensis in a laboratory strain of house flies. 22471	Contribution to the morphological and biologic study of Tetranychus neocaledonicus And 1933 (AcarinaTetranychidae) cotton re
Regenerating tissues from the cockroach, Leu-	Mass breeding of the khapra beetle. 22474	spider in Madagascar.
eophaea maderae: Nerve regeneration in vitro. 22425	INSECT REARING EQUIPMENT Teflon and cornstarch-coated paper as substrates	Recent Hemiptera of the Canary Islands.
Transmembrane ionie gradients in Lepidoptera as related to cardiac electrical activity.	for oviposition by cabhage looper moths.	New species of Erythroneura (Homopter Cicadellidae).
The regulation of osmotic pressure in Galleria mellonella L.	Artificial pupal cell for the tobaceo hornworm. 22409	A revision of the genus Takecallis Matsumu
22428	A laboratory method for continuously rearing the green stink bug.	(Homoptera: Aphididae).
The effect of castration on the ventral neurosecretion cells of the infraesophageal ganglion in the phasmid, Carausius morosus (Phasmidae-	INSECT RESPIRATION Studies on the terminal respiratory systems in the	Paltsa expedition 1964 (Lepidoptera). 2228 Studies on Ethiopian Ptiliidae. I. Africoptiliu
Orthoptera). 22429	minute (2)z mutant of Drosophila melanogaster. 22475	gen. n. from central Africa.
Central nervous system control of circadian rhythmicity in the cockroach. I. Role of the pars intercerebralis.	INSECT TAXONOMY Diptera from Nepal. Anthomyiidae. 22251	Additions and corrections to the British list (Atomaria s. str. (Col., Cryptophagidae), include
22433 Histological observations of the formation of ele-	Angioneura aeerba (Meigen, 1838) (Diptera, Calliphoridae) new to Britain.	ing a species new to science.
mentary and reproductive ova in the ovaries of Plagiolepis pygmaea Latr. (Hymenoptera For-	A new species of crane fly from Ghana (Diptera.	Taxonomic notes on British Coleoptera. No. Stenus glacialis Heer (Staphylinidae).
mieidae). 22435	Tipulidae).	The identity of Brachypterolus linaria
Beginning of embryonie development within the maternal organism of leerya purchasi Mask.	Elenchus tenuicornis (Kirby) (Coleoptera, Stylopoidea, Stylopidae) in Cheshire.	(Stephens) (Col., Nitidulidae), with notes on a occurrence in Britain.
Gamma aminohutyric acid changes in the spon-	22254 Ratzeburgiola Erdos (Hymenoptera, Eulo-	Taxonomyecology, a mutual relationship.
taneous firing rates of insect neurons.	phiidae), a genus new to the British Isles.	2229 Tapinesthis inermis, a new Oonopid for German
Observations on the rate of heart-beat in the various stages of the tiger beetle Cicindela ean-	Three new species of Phytoseiid mites preying on the cotton white fly, Bemisia tabaci in the Sudan	(Arachnida, Araneae, Oonopidae).
cellata Dcj.	(Acarina: Phytoseiidae).	Taxonomy and biology of Trithyreus brasiliens n. sp. (Arach., Pedipalpi, Schizopeltidia).
The effect of colehieine on myogenesis in vivo in	The natural groups of Campsomeriella Betr.,	2229
Rana pipiens and Rhodnius prolixus (Hemiptera).	1941 (Hymenoptera Scoliidae). 22258	Stenobothrus (Stenobothrodes) cotticus no spec., a new grasshopper from the French Alg
INSECT POLLINATORS	Revision of Palaearetic species of Eusandalum Ratz. Hym., Eupelmidae).	(Orthoptera, Acrididae).
Honcy bees and the farmer.	22259	A revision of the genus Periope Haliday wit
22378 Setting up a method for control of elover weevils.	The Dermaptera of the Naturhistoriska Riksmuseum, Stockholm. Part III.	description of a new species (Hymenopters lchneumonidae).
22519	22260 Two new species of argasid ticks (1xodoidea, Ar-	A new hee of the genus Andrena from Indi
INSECT POPULATIONS Populations of fall armyworm, corn earworm,	gasidae) from Cuba.	(Hymenoptera: Andrenidae).
and sugareane borer on St. Croix, U.S. Virgin	22261 Chelifera aperticauda Collin (Dipt., Empididae	Contribution to the knowledge of the Bornea
Islands. 22452	in Kent with notes on other Empids.	Psenini (Hymenoptera, Sphecidae).
INSECT PROTECTIVE DEVICES A dry ice-baited trap for the collection and field	Seasonal abundance of Tabanidae at Mazabuka,	A new Photinus firefly, with notes on matin
storage of hematophagous Diptera.	Zambia. 22265	behavior and a possible case of character dis placement (Coleoptera: Lampyridae).
INSECT REARING	Contribution to the study of the Caeculidae, IV. Procaeculus Bryani Jacot, 1936 (Acariens:	2230 Insect catalogs of Sweden, XVIII. Coleopters
Contribution of a biological study of Pissodes notatus F. (Col. Curculionidae).	Prostigmates). 22266	1960. 2230
Daily weight gain of the European corn borer	The Indo-Oriental tribe Cheritrini (Lepidoptera: Lycaenidae).	Australian Blattidae (Blattodea), VIII. Th
reared on artificial media (Lepidoptera: Pyraustidae).	22267	Platyzosteria group; subgenus Melanozosteri Stal.
22373	Hymenoptera from Turkey. Sphecidae, 1. 22268	Revision of the Ceratozetidae. 5. Ceratozeto
Observations on the biology of Gymnaetron paseuorum (Gyll.) (Coleoptera: Curculionidae).	Some new American Sareophagidae (Diptera). 22269	thienemanni Willmann (Arach., Acar Oribatei).
Progress report on lahoratory rearing of black flics (Diptera: Simuliidae).	A revision of the Tertiary fossil species of the Kalotermitidae (Isoptera).	Thysanura in Caernarvonshire.
A laboratory investigation of maturation in the	The red eurrant gall mite, Cecidophyopsis	2230 Notes on Buprestidae (Coleoptera): Part VI.
Cuban burrowing cockroach Byrsotria fumigata (Guerin).	selachodon n. sp. 22271	Abyssal Halacaridae (Acari) from the southea
22392 Laboratory techniques for rearing the sugarcane	The Alysiinae (Hym. Braconidae) parasites of the Agromyzidae (Diptera). VI. The parasites of Corpotetha roadanis.	Pacific. 2231
borer on an artificial diet.	Cerodontha rondani s. i.	Notes on Cceidomyidae, 1.
The rearing of Luperina nickerlii knilli Boursin (1964) (Lep., Noctuidae) under laboratory con-	On the Collembola of the Soviet Union. III. Proistoma (Dimorphiella) muriphela n. subgen., n. sp., from Novosihirsk.	A revision of the genus Microgaster latrcill (Hymenoptera: Braconidae).
ditions. 22430	Golanudiplosis japonicusa new midge attacking	On the taxonomy and distribution of the Europe
A laboratory method for continuously rearing the green stink bug.	eomstock mealybug in Japan (Diptera: Itonididae).	an and Middle-East species of the Tahanu bovinus-group (Diptera, Tabanidae).

ISOPROPYL N-(3-CHLOROPHENYL)CARBAMATE

A review of the tribe Rutiliini (Diptera: Tachinidae) I. Genera other than Rutilia Robineau-Desvoidy and Formosia Guerin-Meneville.	The evolution and dispersal of the grassland leaf- hopper genus Exitianus, with keys to the Old World species (Cicadellidae: Hemiptera).	Toxicity of selected insecticides against adult striped horse flies in laboratory tests. 22472
Genera and species of the Dermaptera. 5. Spongiphorinae and Labiinae.	On the duct of secretory glands on the first cheliceral segment in the family Nemastimatidae	The use of insecticides for control of mosquito larvae in Denmark.
Genera and species of the Dermaptera. 4. Per-	and the application of this character in taxonomy (Opilionidea).	The knowledge of the interdependence between soil pests, weeds, and their control measures.
icominae, Vandicinae, Nesogastrinae, Isopyginae Strongylopsalinae, and Sparattinae	Three new species of bird mites (Analgoidae) parasites of Procellariiformes.	New injection system for killing or curing trees. 22487
(Labiidae). 22321 Heteronychia (Spatulapica) slovaca sp. n. and	INSECT TEMPERATURE	Integrated plant protection in fruit growing. 22492
notes on the taxonomy of Heteronchia (Spatulapica) rodendorfi (Povolny and Slameckova,	Influence of temperature on the fecondity of Asaphes vulgaris Walker (Hymenoptera, Pteromalidae).	Insecticides in Norwegian forestry.
1959) (Diptera).	22358	Insecticides in Finnish forestry. 22530
An index-catalogue of African Phaneropterinae (Orthoptera: Tettigoniidae).	INSECT TRAPS A standard yellow jacket trap for population	Systemic insecticides evaluated for two-spotted mite control on greenhouse cucumbers.
22323	sampling and control evaluation.	22532
On the occurrence of fossil insects in the mesozoic rocks of western Australia.	Seasonal abundance of Tabanidae at Mazabuka,	The effect of DDT on reproduction in mice.
22325	Zambia.	Termite control measures in building construc-
New nasal mites Ptilonyssus and Paraneonyssus (Acarina: Mesostigmata), from Taiwan and New	Populations of fall armyworm, corn earworm, and sugarcane borer on St. Croix, U.S. Virgin	tion. 22785
guinea. 22327	Islands.	Plant insecticides.
The types and taxonomy of the Nature-Museum	22452	22809
Seckenberg 38: Insecta Lepidoptera Hepialidae.	INSECT VECTORS Ticks (Ixodidae) collected by Deutsche Indien-	New legal bases in plant protection. 22846
Biological observations on some sandflies	Expedition 1955-1958.	INSECTIVORA
(Phlebotomus) of Rancho Grande (Venezuela). L Description of a limited area of a cloudy forest	Some observations on vectors and transmission of tobacco etch virus.	On the question of latent virus infections in wild- living small mammals (insectivores and rodents). Second communication: Isolation of murine cn-
and the taxonomy of the Phlebotomus (Diptera, Psychodidae).	22495	cephalomyelitis viruses.
22329	Further studies on mosaic disease of maize (Zea	INSECTS
The taxonomy and biology of two sympatric sibling species of Culex, C. pipiens and C. tor-	mays L.).	Insects and mites on tea in Africa and adjacent islands.
rentium (Diptera, Culicidae).	INSECTICIDAL PLANTS	22243
22331	Plant insecticides. 22809	Prevention, surveillance and management of in-
Chirothrips tuttlei n. sp. an isolated fringe- winged insect from Arizona, U. S. A. (Ins.,	INSECTICIDE APPLICATION	vading pest insects.
Thysanoptera, Thripidae).	Determination of the suitability of a microdoser	INTEGRATED CONTROL (INSECTS)
The wood cricket, Nemobius silvestris (Bosc),	for topical application of insecticides to the Colorado potato beetle.	Manifestations of competition in parasite complexes as a problem in biological pest control.
(Orthoptera, Gryllidae) in Surrey.	22458	22438
22334 Lipokophila chinai gen. n., sp. n A new genus of	INSECTICIDE RESIDUES Red legged earth mite and pea mite revised con-	The principle of integrated plant protection. 22491
Plokiophilidae (Heteroptera) from Brazil.	trol recommendation. 22539	INTEGRATED CONTROL (WEEDS)
Amphinum puramides L. a double species (Len	Pasture cockchafer control interim revised con-	The principle of integrated plant protection. 22491
Amphipyra pyramidea L. a double species (Lep., Agrolidae).	trol recommendation.	Weeds and weed control. Ragwort, Senecio
22336	Studies on pesticide residues. 2. Carbaryl	jacobaea, declared noxious weed.
The Dipterous genus Diostracus Loew (Dolichopodidae).	residues in the body tissues and milk of cattle fol- lowing dermal application.	INTERFERON 22609
22337	22794	Interferon production with strain SF-4 of parain- fluenza-3 virus.
Notes on the Indo-Australian Basicerotine ants (Hymenoptera: Formicidae).	Methyl parathion adsorbed on the skin and blood cholinesterase levels of persons checking cotton	22712
22338	treated with ultralow-volume sprays.	IRRADIATION
Notes on the Scandinavian Ptychopteridae, with	22795	The effects of experimental microascaridic infec- tions by Ascaris suum in guinea pigs subjected to
description of a new species (Diptera).	Pesticide residues in diary produce. 22797	total body X- irradiation LD 50/30.
Notes on the genera Cosmophorus and Orgilus in	INSECTICIDE RESISTANT INSECTS	Active immunity against Trichostrongylus axei in
Japan with description of a new species (Hymenoptera, Braconidae).	Developments in pest control. 1. The present status of resistance. II. The future of pest control.	sheep and rabbits.
Some Swedish Hydroperus species (Col	22363	IRRIGATION
Some Swedish Hydroporus species (Col., Dytiscidae) with descriptions of Hydroporus eligin en	Effect of temperature and humidity on the susceptibility of bedbugs to insecticides.	Control of Orobanche under natural and artifi- cially infested conditions.
jasi n. sp 22343	Bioassay evaluation of heptachlor, isobenzan,	22583
Notes on the name Leptopiinae (Coleoptera: Curculionidae).	and diazinon used against the alfalfa weevil in Northern Utah.	Effect of 2,4-D on crop weed competition in wheat.
22345	Northern Utan. 22523	ISOBENZAN 22606
Technical notes on harmful insects from Malagasy.	INSECTICIDES N-methyl 3-methyl-5-ethyl phenyl carbamate as	Bioassay evaluation of heptachlor, isobenzan, and diazinon used against the alfalfa weevil in
Investigations concerning the marphological	an insecticide Patent 3,422,198.	Northern Utah. 22523
Investigations concerning the morphological characters of the variety Phlebotomus chinensis	Field studies of insecticides for control of the	ISOPROPYL N-(3-CHLOROPHENYL)CARBA-
balcanicus Theodor 1958.	coffee leaf miner, Leucoptera coffcella.	MATE The effects of petroleum mulch and herbicides
A gynandromorph of Oxylipeurus mesopelios (Nitzsch) (Mallophaga) from Phasianus	Determination of the suitability of a microdoser for topical application of insecticides to the	on lettuce. 22554
colchicus L 22432	Colorado potato beetle. 22458	Herbicide combinations. 22614
	22.00	22014

Light-inhibition of flashing in the firefly Photuris missouriensis.

LEPIDOPTERA

Faunistic news (Lep. Oecophoridae and Tor-

ISOTOPES

Effect of several herbicides on the proteolytic activity in squash.

The prairie peninsula and secondary intergradation in Photinus fireflies (Coleoptera: Lampyridae).

22301

22804	22369	tricidae).
ISOTOPES	LARVAE	22278
Sites of incorporation of tritium uridine in the	Antifeeding effect of DDT on bollworm and	A new Tortricida from central Europe (Lep.
parenchyma cells of healthy leaves and leaves in- fected with yellow mosaic turnip virus, of Bras-	tobacco budworm larvae.	Tortricidae).
sica chinesis.	22362	22279
22813	Study on the permiability of the sensory organs	Paltsa expedition 1964 (Lepidoptera).
IXODES RICINUS	of the appendages of the head in the larvae of Speophyes lucidulus (Delar.) (Coleoptera).	
To the methods of studying the environmental	22375	Two new African sub-species of Sphingidae (Lep. Sphingidae).
temperature of the tick Ixodes ricinus L.	Observations on the larva of Hippotion celerio	22292
	Linnaeus (Lepid., Sphingidae) in Tanzania.	Amphipyra pyramidea L. a double species (Lep.,
Ticks (Ixodidae) collected by Deutsche Indien-	22413	Agrolidae).
Expedition 1955-1958.	A feeding stimulant for pink bollworm larvae in	22336
22246	water extracts of cotton.	Notes on Argentine hutterfly migration, 1965-
Ticks (Ixodoidea) of domestic animals in Iraq;	22434	66.
spring and early summer infestations in the Liwas	Toxicity of bacterial spores to fly and mosquito larvae.	22405
of Baghdad, Kut, Amara, and Basra.	22439	The morphological and functional evolution of the mouthparts in adult Lepidoptera.
JUTE	Light reflexes of caterpillars of Bombyx mori L.	22419
Aerial spraying boosts jute output.	(Lepid.).	Transmembrane ionic gradients in Lepidoptera
22486	22446	as related to cardiac electrical activity.
KALE	The use of insecticides for control of mosquito	22426
Emergence of parasites associated with the	larvae in Denmark.	LEPTINOTARSA DECEMLINEATA
cabbage aphid during a chemical-control pro-	22482	Determination of the suitability of a microdoser
gram. 22400	A study on changes in larval and pupal densities	for topical application of insecticides to the Colorado potato beetle.
KINASES	of the rice stem borer, Chilo suppressalis Walker,	22458
Pantothenic acid metabolism during avian	in its first generation. 22534	LEPTOCONOPS KERTESZI
malaria infection: Pantothenate kinase activity in	A mechanical harvester for collecting larvae of	A collection device for Leptoconops kerteszi
duck erythrocytes and in Plasmodium lophurae.	the wheat stem sawfly.	(Diptera: Ceratopogonidae) biting gnats.
22630	22537	22393
KYASANUR FOREST DISEASE	The effects of experimental microascaridic infec-	LEPTOSPIRA
Ticks (Ixodidae) collected by Deutsche Indien-	tions by Ascaris suum in guinea pigs subjected to	Serological investigations concerning the in-
Expedition 1955-1958. 22246	total body X- irradiation LD 50/30.	cidence of leptospiral infection among the per- sonnel employed in the care of animals in some
LABELING	22761	zootechnical farms.
Tagging aphids.	The number of Aelurostrongylus abstruses larvae	22735
22319	required to produce pulmonary disease in the cat.	LEPTOSPIRA CANICOLA
Where do we stand on safe use of pesticides.	22763	Leptospirosis in wild animals. The isolation of a
22845	Effect of temperature and cultural methods on	strain of Leptospira canicola from an armadillo
LABORATORIES	development of the free-living stages of Trichos-	(Chaetophractus villosus).
St. Louis encephalitis in Mcleansboro, Illinois,	trongylus colubriformis.	LEPTOSPIRA ICTEROHAEMORRHAGIAE
1964.	22781	Effect of antibiotic therapy on experimental lep-
	Survival of infective larvae of the cattle ne-	tospirosis infection and development of acquired
Progress report on laboratory rearing of black flies (Diptera: Simuliidae).	matodes, Cooperia punctata, Trichostrongylus	resistance in guinea pigs.
22391	axei, and Oesophagostomum radiatum.	22669
LABORATORY ANIMALS	LATE BLIGHT (POTATOES)	Leptospirosis in wild animals. The isolation of a
Comparative potency tests on modified live-virus	Late blight of potatoes.	strain of Leptospira canicola from an armadillo (Chaetophractus villosus).
rabies vaccine produced from Flury high egg-	22520	22760
passage virus grown on permanent dog kidney cell line.	LEAF CURL	LEPTOSPIRA POMONA
22634	Control peach leaf curl.	Stimulation of leptospiral growth by glucose.
Experimental pasteurellosis: Comparative stu-	22511	22653
dies on Pasteurella multocida from Asia, Africa,	LEAVES	Comments on some mechanisms of antibody
and North America.	A small contribution concerning the knowledge	production in bovine leptospirosis.
22666	of Cecidomyiidae. 22399	LEPTOSPIROSIS 22682
Studies on staphylococcosis in chickens, II.	Determination of the inhibition activity in the	Effect of antibiotic therapy on experimental lep-
Pathogenicity of staphylococcus aureus of chicken origin for various experimental animals.	sap from potato leaves with regard to the X-virus	tospirosis infection and development of acquired
22681	by means of a serological method.	resistance in guinea pigs.
Reactions of sheep to cell-culture-modified foot-	22503	22669
and-mouth disease virus.	Utilization of 14C metabolites, incorporation of	Leptospirosis in wild animals. The isolation of a
22723	32P and changes in respiration occurring in	strain of Leptospira canicola from an armadillo (Chaetophractus villosus).
LAKES	leaves from dalapon treated beans.	22760
Evaluation of diquat as an aquatic herbicide applied at 2 gallons per surface acre, under Min-	LEGISLATION	LETTUCE
nesota conditions.	Use of hormone weedkillers near vineyards.	The effects of petroleum mulch and herbicides
22586	22610	on lettuce.
LAMBS	New legal bases in plant protection.	22554
Controlled test of anthelmintic activity of	22846	LEUCOCYTOZOON DISEASE
trichlorfon and thiabendazole in lambs, with ob-	We have the most modern plant protection law	Schizogony and gametogony of Leucocytozoon simondi and associated reactions in the avian
servations on Oestrus ovis.	in the world.	host.
LAMPYRIDAE	22847	22650
A new Photinus firefly, with notes on mating	LEGUMINOSAE	LEUCOCYTOZOON SIMONDI
behavior and a possible case of character dis-	Reflections on the estimation of food losses due	Schizogony and gametogony of Leucocytozoon
placement (Coleoptera: Lampyridae).	to Bruchidae (Coleoptera).	simondi and associated reactions in the avian
22300	22331	host.

LEMNA MINOR
Use of lahoratory evaluations for aquatic herbicides and algicides.

22811

LEUCOPHAEA MADERAE Ranges of circadian period length. 22650

22423

Regenerating tissues from the cockroach cophaea maderae: Nerve regeneration in vi		Interactions between atrazine residue and four herbicides: Amiben, CDAA, linuron, and triflu-	Skin necroses in pigs caused by GR virex. 22736
,	22425	ralin. 22810	Two morphologically different types of lympho-
Central nervous system control of circ rhythmicity in the cockroach. I. Role of th		LIPIDS	cytes in cattle. 22737
intercerebralis.	22433	Effect of diet on the lipid composition of the coekroach Blaherus discoidalis.	The behavior of macronucleolar and polynucleolar lymphocytes in bovine leukosis.
LEUCOPTERA COFFEELLA	6.45	LISTERIA MONOCYTOCENES	22738
Field studies of insecticides for control coffee leaf miner, Leucoptera coffeella.	22365	LISTERIA MONOCYTOGENES Specificity of the anamnestic response produced by Listeria monocytogenes or Mycobacterium	Clinical and pathological aspects of hog eholera in grieving physically sub-standard pigs.
LEUKOSIS		tuberculosis to challenge with Listeria mono- cytogenes.	Studies on the problems associated with the ac-
Problems of bovine leucosis.	22711	22644	tivation of latent or inapparent salmonelloses by
The behavior of macronucleolar polynucleolar lymphocytes in bovine leuko	and sis.	Specificity of acquired resistance produced by immunization with Listeria monocytogenes and listeria fractions.	means of vaccination as well as on the possibility of simultaneous vaccination against salmonellosis and swine fever.
LIFE CYCLE	22738	22645	22747
Notes on the biology of the parasitie Pyemotes scolyti Oud. (Acari: Pyemotidae		Fractionation and characterization of the plasma and mesosome membrane of Listeria mono-	Tick paralysis in California livestoek.
	22352	cytogenes. 22660	Standardized chemotherapeutical tests for immature and mature Fasciola hepatica infections
Contribution of a biological study of Pi notatus F. (Col. Curculionidae).	ssodes	Isolation of Listeria monocytogenes from brains	in sheep.
	22366	of rabiesnegative animals.	Control of coccidiosis in poultry. Patent
The rearing of Luperina nickerlii knilli B (1964) (Lep., Noctuidae) under laborator		LIVER	3,422,200.
ditions.	•	The relation between the liver reserves of vitamin A and some intestinal parasites in Dokki	LOAM 22771
Experimental study of the effect of nutriti	22430 ion on	4 chicks. (a). In chicks affected with cecal coccidiosis.	Persistance of trifluralin in soil.
cyclecompletion in Pythidae parasites in tr		22627	22793
cultures.	22440	The relation between the liver reserves of vitamin A and some intestinal parasites in Dokki	LOCOMOTION Unusual microtubular patterns and three-dimen-
LIGHT		4 chicks. (b). In chicks infested with Ascaridia	sional movement of mealybug sperm and sperm bundles.
Daily weight gain of the European corn reared on artificial media (Lepido		galli. 22758	22444
Pyraustidae).		LIVESTOCK	LOCUSTA MIGRATORIA Presence of a blood-producing tissue at the level
Changes in the population of Cecidomyiida	22373 ne.	The infection spectrum of the stomatitis papulosa virus.	of the dorsal diaphram of Locusta migratoria
	22398	22685	(Orthoptera).
Light reflexes of caterpillars of Bombyx m (Lepid.).	nori L. 22446	A toxic fungus (Sclerotium rolfsii) isolated from groundnuts. 22734	Selection of phase types based on hopper coloration in Locusta migratoria migratorioides
Studies of the germination, growth and de		Ticks (Ixodoidea) of domestic animals in Iraq;	(Reiche Fairmaire).
ment of barnyardgrass.	22565	spring and early summer infestations in the Liwas of Baghdad, Kut, Amara, and Basra.	LONGEVITY
Interactions between atrazine residue and		22755	Concerning the influence of various light colors and the different population densities on the
herbicides: Amiben, CDAA, linuron, and ralin.	triflu-	Investigation of the helminthofauna of beasts of prey.	lifespan and egg production of the carrot fly,
	22810	22779	Psila rosea Fabr. 22310
Effect of sucrose, auxins and gibberellic at rooting of stem segemnts of Populus nigra		LIVESTOCK DISEASES Isolation and experimental infection of calves with parainfluenza-3 virus.	The survival of desiccated larvae of Heterodera rostochiensis and H. schachtii.
varying light conditions.	22818	22626	Effect of mother hamile transfer as
LINDANE Effect of temperature and humidity of	n tha	Foot-and-mouth disease. 22633	Effect of methyl bromide treatments on several species of conifer seed.
Effect of temperature and humidity o susceptibility of bedbugs to insecticides.	ii the	Phalaris staggers need not be a bogey.	22579
	22455	22636	How serious is rabbit damage on lohlolly pine seedlings.
Acrial spraying boosts jute output.	22486	On immunoprecipitation in swine plague. 22665	22616
Insecticides in Norwegian forestry.	22517	Critical considerations on the diagnostic useful- ness of the END method for the in vitro detec-	Survival of foot-and-mouth disease virus in bovine hides.
An estimate of the area of Danish forestry		tion of the hog cholera.	LUMINESCENCE
is treated with pesticides other than herbici	des. 22518	A case of eperythrozoonosis suis and its dif-	Light-inhibition of flashing in the firefly Photuris
Search for more rice.		ferential diagnostic significance in relation to suspected swine fever.	missouriensis. 22369
	2252 I	22678	LYCAENIDAE
Effects of lindane and carbaryl on insect and plant nitrogen, and grain yield of rice.	22522	Pathogenesis of coliform mastitis in cattle. II. A comparison of morphological findings in	The Indo-Oriental tribe Cheritrini (Lepidoptera: Lycaenidae).
Pasture cockchafer control interim revisco		coliform mastitis in cattle and in the experimen- tally induced arthus phenomenon in the mamma-	Sound-production in Netherland Lycaenidae.
trol recommendation.	22540	ry glands of rabbits.	22388
Pesticide residues in diary produce.		Problems of bovine Icucosis.	LYMPH Cytopathologic changes of lymphatic tissues of
	22797	22711	cattle with the bovine virus diarrhea-mucosal dis-
LINURON Herbicide/surfactant combinations for	celerv	Electron microscopic studies on the lymph node of the pig.	ease complex. 22703
seedbeds.	22599	22722	LYMPHATIC SYSTEM
227	64377	Immunisation with staphylococcal cell walls	Electron microscopic studies on the lymph node

Pathology of pneumonia in intensively-reared

of the pig.

The behavior of macronucleolar and

polynucleolar lymphocytes in bovine leukosis. 22738

22722

22728

2273I

against mastitis.

calves.

2260I

Weed control in young peach orchards.

Bioassay evaluation of depth distribution of incorporated soybean preemergence herbicides. 22605

LYMPHOCYTES

LYMPHOCYTES Two morphologically different types of lymphocytes in cattle.	MATHEMATICAL ANALYSIS The ergonomics of caste in the social insects.	On sampling and extracting technique for soil micro-arthropods.
22737	On the dispersal of Decembrity	22621
The behavior of macronucleolar and polynucleolar lymphocytes in bovine leukosis.	On the dispersal of Drosophila. 22480 Dispersion of Drosophila psychological	Direct assay for bluetongue virus by intravascu- lar inoculation of embryonating chicken eggs.
22738	Dispersion of Drosophila pseudoobscura.	Ž2656
LYMPHOCYTOSIS	MEIOSIS	The fluorescent staining complement for the serodiagnosis of toxoplasmosis.
Two morphologically different types of lymphocytes in cattle.	Multiple core complexes in grasshopper sper- matocytes and spermatids.	22679
22737	22478	Entero-toxaemia of sheep and lambs.
MACADAMIA INTEGRIFOLIA Some changes in weed species in response to	MESOSTIGMATA	22708
control methods and chemicals in Hawaii.	New nasal mites Ptilonyssus and Paraneonyssus (Acarina: Mesostigmata), from Taiwan and New	Some studies on pigeon pox virus in tissue culture.
MAINTENANCE	guinea. 22327	
Maintenance and use of controlled environment	METABOLISM	Fluorescent antibody studies of Vibrio fetus: Staining characteristics in semen, preputial exu-
chambers.	Utilization of carbon compounds by Fusarium	date, and pure culture.
MALATHION	solani f. aurantifoliae Bhat, and Prasad.	22733
Effect of temperature and humidity on the	The relation between the liver reserves of	Recent techniques for the serodiagnosis of human and animal hydatidosis. III. Evidence of
susceptibility of bedbugs to insecticides.	vitamin A and some intestinal parasites in Dokki 4 chicks. (a). In chicks affected with cecal coc-	indirect hemagglutination (HAI).
MALLOPHAGA	cidiosis.	METHYL BROMIDE
A gynandromorph of Oxylipeurus mesopelios	22627	Effect of methyl bromide treatments on several
(Nitzsch) (Mallophaga) from Phasianus colchicus L	Pantothenic acid metabolism during avian malaria infection: Pantothenate kinase activity in	species of conifer seed.
22432	duck erythrocytes and in Plasmodium lophurae.	METHYL DADATHION
MAMMALS	22630	METHYL PARATHION Methyl parathion adsorbed on the skin and blood
Pharmacologic properties of a slobber-inducing mycotoxin from Rhizoctonia leguminicola.	Stimulation of leptospiral growth by glucose.	cholinesterase levels of persons checking cotton
22647	22653	treated with ultralow-volume sprays.
Susceptibility of cultured mammalian cells to in-	Serological response of pigs to infection with Mycoplasma. Demonstration of growth and	22795
fection with virulent and modified hog cholera	metabolism-inhibiting antibodies in sera of pigs	METHYL-4-CHLOROPHENOXY)BUTYRIC
viruses. 22704	inoculated intranasally with Mycoplasma hyor-	ACID, 4-(2- Processing pea responses to MCPB applications
On the question of latent virus infections in wild-	hinis. II. 22661	at different growth stages.
living small mammals (insectivores and rodents).	METABOLITES	22612
Second communication: Isolation of murine en-	Utilization of 14C metabolites, incorporation of	METHYL-4-CHLOROPHENOXYACETIC ACID,
cephalomyelitis viruses.	32P and changes in respiration occurring in	Control of Whitehouse (Al. 1. 1.1.1.1
MAMMARY GLANDS	leaves from dalapon treated beans.	Control of Whitebrush (Aloysia lycioides Cham.) with picloram.
Pathogenesis of coliform mastitis in cattle. Il. A	Translocation of herbicides in American pond-	22592
comparison of morphological findings in	weed (Potamogeton nodosus Poir.).	MICE
coliform mastitis in cattle and in the experimen- tally induced arthus phenomenon in the mamma-	22820	The effect of DDT on reproduction in mice.
ry glands of rabbits.	METAMORPHOSIS	22619
22707	Late-season feeding and emergence of the tobac- co flea beetle.	Influence of litter size, age, variation, and selec-
Experimental Streptococcus agalactiae mastitis	22386	tive breeding of mice on susceptibility to foot- and-mouth disease virus.
in cattle: Attempts to superimpose the organism in lactating glands harboring unrelated bacterial	METEOROLOGY	22640
infections and in glands with experimentally in-	Ticks (Ixodoidea) of domestic animals in Iraq;	Specificity of the anamnestic response produced
duced sterile inflammation.	spring and early summer infestations in the Liwas of Baghdad, Kut, Amara, and Basra.	by Listeria monocytogenes or Mycobacterium
MANAGEMENT 22713	22755	tuberculosis to challenge with Listeria mono- cytogenes.
Prevention, surveillance and management of in-	METHIONINE	22644
vading pest insects.	Evidence for a methionine-controlled homoserine dehydrogenase in Salmonella ty-	Specificity of acquired resistance produced by
22316	phimurium.	immunization with Listeria monocytogenes and
MANDUCA SEXTA	22639	listeria fractions.
Artificial pupal cell for the tobacco hornworm. 22409	METHODOLOGY	Effect of lysogenicity on the virulence of Bacillus
MANTIDAE	A new effective flotation method for the collec- tion of nidicolous parasites and other nest inhabi-	anthracis.
Description of the neuro-endocrine reflex arcs	tants.	22741
behind the ocelli in the Dictyopteran Mantidae. 22361	22293	MICROBIOLOGY
MASTITIS	Tagging aphids.	Calculating the grade of effectiveness of a
Effect of toxin in bovine mycoplasmal mastitis.	22319	microbiological control action against insect pests.
22700	To the methods of studying the environmental temperature of the tick lxodes ricinus L.	22395
Pathogenesis of coliform mastitis in cattle. II. A	22381	MICROCLIMATE
comparison of morphological findings in coliform mastitis in cattle and in the experimen-	Culture of scorpion cells.	The concept of microclimate from an en-
tally induced arthus phenomenon in the mamma-	22436	tomological point of view.
ry glands of rabbits.	A laboratory method for continuously rearing the green stink bug.	To the methods of studying the environmental
Experimental Strentogogous application marking	22469	temperature of the tick Ixodes ricinus L.
Experimental Streptococcus agalactiae mastitis in cattle: Attempts to superimpose the organism	Mass breeding of the khapra beetle.	22381
in lactating glands harboring unrelated bacterial	22474	MICROSCOPY
infections and in glands with experimentally in-	The knowledge of the interdependence between	Comparison of three methods of extracting the flower thrips from rose flowers.
duced sterile inflammation. 22713	soil pests, weeds, and their control measures.	22317
Experimental Pseudomonas aeruginosa mastitis	Early detection of infection of sugarcane by	A staining technique for jack-pine budworm egg
in cattle.	ratoonstunting disease (RSD).	masses.
Immunication with stanbulances and self-well-	Partitions in plant and also and a second	22415
Immunisation with staphylococcal cell walls against mastitis.	Problems in plant pathology and entomology field trials.	Light and electron microscopic examinations of a new bovine herpes virus.
22728	22524	22721

MILK

Studies on pesticide residues. 2. Carbaryl residues in the body tissues and milk of cattle following dermal application.

22794

Effects of progesterone treatments on delayed implantation in mink.

22620

MIRIDAE

Eurycolpus enslini n. sp., a new species of Phylini DGL. SC. from southern Turkey (Heteroptera Miridae).

A new contribution to the taxonomy of the genus Sthenarus Fieber and Psallus Fieber(Hem. Het. Miridae).

The hosts and life histories of three mirid bugs of economic importance with notes on their con-

22543

MITES

Insects and mites on tea in Africa and adjacent

Initial survey of arthropod predators of the European red mite in south-central Pennsylvania.

Citrus diseases and pests.

22490

Mites as house vermin and storage pests in northwest Germany.

22787

MITOCHONDRIA

Studies on the terminal respiratory systems in the minute (2)z mutant of Drosophila melanogaster 22475

MITOSIS

Alterations in mitosis induced by isomers of hexachlorocyclohexane. II. The delta isomer. The possible mechanism of action of hexachlorocyclohexane. 22568

MOLLUSCACIDES

Control of the action of chemical molluscicides on zoophytic associations in fresh water.

MOLTING (INSECTS)

Studies on the biology of Athalia proxima Klug (Tenthredinidae; Hymenoptera). 22449

Effect of different species of Trichomonads on monkey kidney cell cultures.

22680

Effect of several herbicides on the proteolytic activity in squash.

MORPHOLOGY

Concerning the influence of various light colors and the different population densities on the lifespan and egg production of the carrot fly, Psila rosea Fabr.

22310 Studies on the biology of Athalia proxima Klug

The situation of the African swine fever virus in viral systematics.

22687

Investigations on an avian adenovirus.

(Tenthrcdinidae; Hymenoptera).

Pathogenesis of coliform mastitis in cattle. II. A comparison of morphological findings in coliform mastitis in cattle and in the experimentally induced arthus phenomenon in the mammary glands of rabbits.

22707

Pathology of pneumonia in intensively-reared

22731

Two morphologically different types of lymphocytes in cattle.

MORTALITY

Calculating the grade of effectiveness of a microbiological control action against insect 22395

Toxicity of selected insecticides against adult

striped horse flics in laboratory tests. 22472

Effect of lysogenicity on the virulence of Bacillus anthracis.

Infectivity of Anaplasma marginale in bovine blood after prolonged freezing.

22778 Survival of infective larvae of the cattle nematodes, Cooperia punctata, Trichostrongylus axei, and Oesophagostomum radiatum.

MOSAIC

Studies on the infection of cucumber mosaic virus, III. Time of the infection after inoculation with whole virus or with viral nucleic acid.

Further studies on mosaic disease of maize (Zea mays L.).

MOSAIC (CUCUMBERS)

Impatiens parviflora DC .-- A natural host of cabbage black ringspot and cucumber mosaic viruses. 22508

MOTHS

The abdominal scent organ male hawk moths. Supplements to the knowledge of hawk moths (III) (Lep. Sphingidae).

MOUTH PARTS

The morphological and functional evolution of the mouthparts in adult Lepidoptera.

MUCOSAL DISEASE

Comparative fluorescence-immunological and cytopathological studies with various virus strains of the mucosal disease of cattle.

Cytopathologic changes of lymphatic tissues of cattle with the bovine virus diarrhea-mucosal disease complex.

MUCOUS MEMBRANE

Electron-microscopic findings in the lingual mucosa of healthy and foot-and-mouth diseased cat-22742

MULCHES

The effects of petroleum mulch and herbicides on lettuce. 22554

Incorporation of herbicides in mulches.

MUSCA DOMESTICA

Egg production of house-fly adults fed human blood containing various supplements. 22384

Induction of resistance to Bacillus thuringiensis in a laboratory strain of house flies.

Stabilization of aqueous solutions of the insect chemosterilant m-Xylohydroquinone (m-XHQ) by vitamin C.

MUSCA DOMESTICA NEBULO

Toxicity of bacterial sporcs to fly and mosquito larvae.

MUSCLES

The distribution pattern of indirect flight muscle fihres in Acdes aegypti (L.) (Diptera: Culicidae).

Occurrence of giant muscle fibers in the flight muscle of Pantala flavescens (F.) (Libellulidae: Odonata).

22355

An investigation of Factor S, a neuromuscular excitatory substance from insects and crustacea 22374

Evidence for the appearance of calcium in muscle fibers by the chlorating action of potassium and the toxin of scorpion venom (Androctonus australis).

The effect of colchicine on myogenesis in vivo in Rana pipiens and Rhodnius prolixus (Hemiptera).

A stable phosphorus compound in the body-wall muscle of Ascaris lumbricoides. 22764

The location of the parasites in muscle cysticercosis. 22776

MUSHROOMS

22782

22512

22584

The effects of Aphelenchoides saprophilus, A. coffeae, Aphelenchus avenae and Panagrolaimus sp. on the cropping of cultivated mushroom. 22549

MUTATION

ties

Studies on the terminal respiratory systems in the minute (2)z mutant of Drosophila melanogaster.

The evolution of resistance in hosts and pests

22497

MYCOBACTERIUM PARATUBERCULOSIS

Uterine infection in bovine paratuberculosis.

22677 Experimental paratuberculosis in sheep after oral, intratracheal, or intravenous inoculation: Histochemical localization of hydrolase activi-

Experimental paratuberculosis in sheep after

oral, intratracheal, or intravenous inoculation: Serologic and intradermal tests.

22697 Experimental paratuberculosis in sheep after oral, intratracheal, or intravenous inoculation: Histochemical localization of dchydrogenase ac-

22698

MYCOBACTERIUM TUBERCULOSIS

Specificity of the anamnestic response produced by Listeria monocytogenes or Mycobacterium tuberculosis to challenge with Listeria monocytogenes.

22644 MYCOLOGY Utilization of carbon compounds by Fusarium solani f. aurantifoliae Bhat. and Prasad.

MYCOPLASMA

Experimental transmission bovine mycoplasma in calves and turkeys.

22663 Effect of toxin in bovine mycoplasmal mastitis. 22700

MYCOPLASMA GALLISEPTICUM

Immunologic response of fowl to Mycoplasma gallisepticum and its relationship to latent infec-22710

MYCOPLASMA HYORHINIS

Serological response of pigs to infection with Mycoplasma. Demonstration of growth and metabolism-inhibiting antibodies in sera of pigs inoculated intranasally with Mycoplasma hyorhinis. II. 22661

MYCOTOXICOSIS

Pharmacologic properties of a slobber-inducing mycotoxin from Rhizoctonia leguminicola.

22647

A toxic fungus (Sclerotium rolfsii) isolated from groundnuts.

22734

The effect of castration on the ventral neu-

Experimental study of the effect of nutrition on cyclecompletion in Pythidae parasites in tropical cultures.

The influence of volatile 2,4-D upon zinnias, snapdragons, and other bedding plants as affected by other gases such as SO2 and NH3.

MYRIOPHYLLUM

MYRIOPHYLLUM

Evaluation of diquat as an aquatic herbicide ap- plied at 2 gallons per surface acre, under Min-	rosecretion cells of the infraesophageal ganglion	cyclecompletion in Pythidae parasites in tropical
nesota conditions.	in the phasmid, Carausius morosus (Phasmidae- Orthoptera).	cultures.
MYRIOPHYLLUM SPICATUM	Control por your system control of circuities	OATS
Eurasian watermilfoil (Myriophyllum spicatum L.) in the Tennesee Valley.	Central nervous system control of circadian rhythmicity in the cockroach. I Role of the pars intercerebralis.	Penetration and accumulation of fenuron in forest soils.
22608	22433	OCCUPATIONAL DISEASES
MYZUS PERSICAE Tagging aphids. 22319	Action of DDT on the peripheral nervous system of the grass frog Rana pipiens.	Serological investigations concerning the in- cidence of leptospiral infection among the per-
NAJAS GUADALUPENSIS	NESTING 22800	sonnel employed in the care of animals in some zootechnical farms.
Results of pre-emergent aquatic herbicides in Illinois.	Contributions to the biology of the bumble bee. 22387	ODONATA 22735
22574	NEUROLOGY	Occurrence of giant muscle fibers in the flight
Control of submerged aquatic weeds in rice fields.	An investigation of Factor S, a neuromuscular excitatory substance from insects and crustacea.	muscle of Pahtala flavescens (F.) (Libellulidae: Odonata).
NAPHTHALOPHOS 22604	22374	22355 Demography of the damselfly, Argia plana Cal-
Efficacy of Naphthalophos and Coumaphos against nematodes of goats.	Ultrastructural observations on neurons of the sympathetic ganglia in grass sickness.	vert (Odonata Coenagriidae).
22694	22643	OECOPHORIDAE 22356
NAPHTHYLPHTHALAMIC ACID, N-I-	NEUROTROPIC VIRUSES	Faunistic news (Lep. Oecophoridae and Tor-
Herbicide combinations. 22614	Immunization of horses against African horse- sickness with attenuated neurotropic viral strains	tricidae).
NECROSIS	propagated in chicken embryos.	OESOPHAGOSTOMUM
Virus like particles in Ficus elastica Roxb. 22513	NITELLA	Survival of infective larvae of the cattle ne-
Skin necroses in pigs caused by GR virex.	The influence of rooted aquatic plants on the dis- solved oxygen content of water.	matodes, Cooperia punctata, Trichostrongylus axei, and Oesophagostomum radiatum.
22736	22805	OFSTRUS ONES
NEMATODES Process for the control of nematodes using	NITIDULIDAE	OESTRUS OVIS Controlled test of anthelmintic activity of
petroleum oil and water emulsions. Patent 3,426,126.	The identity of Brachypterolus linariae (Stephens) (Col., Nitidulidae), with notes on its	trichlorfon and thiabendazole in lambs, with observations on Oestrus ovis.
22552	occurrence in Britain.	22768
The action of calcium cyanamide on some fun-	NITROGEN	ONCOPELTUS FASCIATUS
gus predators of nematodes. 22553	Nitrogen and phosphorus content of greenbugs	The regulation of cyclic reproductive and feed- ing activity in the milkweed bug Oncopeltus by
Efficacy of Naphthalophos and Coumaphos against nematodes of goats.	reared on fertilized wheat.	temperature and photoperiod.
22694	Influence of some aminotriazine herbicides on	ONIONS
Parasitic nematodes of birds of the order Colymbiformes in Czechoslovakia.	some soil fungi.	Alterations in mitosis induced by isomers of hex- achlorocyclohexane. II. The delta isomer. The
22757	Acaricidal composition containing N-substituted	possible mechanism of action of hexachloro-
Investigation of the helminthofauna of beasts of	and unsubstituted alkyl and alkenyl-2- dimethylamino-benzhydrylcarbamates. Patent	cyclohexane. 22568
prey. 22779	3,422,199. 22835	Herbicide combinations.
Process of killing fungi, bacteria or nematodes. Patent 3,422,197.	NITROGEN-FIXATION	OPEROPHTERA BRUMATA
22832	Strain variation and host specificity of Rhizobi- um. II. Host specificity of Rhizobium trifolii on	Notes on three species of Actia (Dipt., Tachin-
NEOPLASMS Avian leukosis from the point of view of avian	European clovers.	idae), parasites of Oak-feeding caterpillars. 22371
viral tumors.	NITTPOUP A CH. 5	OPUNTIA LEPTOCAULIS
22744	NITROURACIL, 5- Method of combatting herpes virus with 5-	Control of Whitebrush (Aloysia lycioides Cham.) with picloram.
NEPHOTETTIX Effects of lindane and carbaryl on insects, soil	nitrouracil. Patent 3,423,508.	22592
and plant nitrogen, and grain yield of rice.	NOCTUIDAE	ORCHARDS
NERVES	The rearing of Luperina nickerlii knilli Boursin (1964) (Lep., Noctuidae) under laboratory con-	Adapting chemical weed control programs to meet orchard conditions.
Gamma aminobutyric acid changes in the spontaneous firing rates of insect neurons.	ditions.	ORGANIC COMPOUNDS
22451	22430	Effect of amino acids and organic acids on the
Primary lesions in cardiac ganglia of the pig after Herpesvirus suis infection.	NOREA Herbicide persistence with different incorpora-	sexual reproduction of species of Phytophthora and Pythium.
22628	tors. 22827	22504
NERVOUS SYSTEM	NUCLEIC ACIDS	ORGANOPHOSPHORUS COMPOUNDS Effect of temperature and humidity on the
The antennal origin of the neuro-endocrine reflexes of the Dictyoptera Blaberidae and Blat-	Studies on the infection of cucumber mosaic virus, III. Time of the infection after inoculation	susceptibility of bedbugs to insecticides.
tidae. 22359	with whole virus or with viral nucleic acid.	An estimate of the area of Danish forestry which
Localization of the nuclear origin in the paracar-	22498	is treated with pesticides other than herbicides.
diac nerves of Dictyoptera Blaberidae and Blat- tidae.	Investigations on an avian adenovirus. 22699	22518
22360	Physico-chemical properties of avian reovirus	ORIENTAL REGION Golanudiplosis japonicusa new midge attacking
Description of the neuro-endocrine reflex arcs	and its nucleic acid.	comstock mealybug in Japan (Diptera:
behind the ocelli in the Dictyopteran Mantidae. 22361	NURSERIES 22724	Itonididae).
The post-cephalic stomodial nervous system of	The woody plant nurserya useful tool for	ORNAMENTAL PLANTS
Schistocerca gregaria Forsk. (Orthoptera) and Blabera craniifer Burm. (Dictyoptera).	evaluation of herbicides. 22576	Incorporation of herbicides in mulches. 22584
(Dietjoptera).		22304

Egg production of house-fly adults fed human blood containing various supplements.

22384

22380

22425

Regenerating tissues from the cockroach, Leucophaea maderae: Nerve regeneration in vitro.

NUTRITION

OROBANCHE Control of Orobanche under natural and artificially infested conditions. 22583	PAPER Teffon and cornstarch-coated paper as substrates for oviposition by cabbage looper moths. 22408	The number of Aelurostrongylus abstruses larvae required to produce pulmonary disease in the cat. 22763
OSMOTIC PRESSURE The regulation of osmotic pressure in Galleria mellonclla L.	PAPILIONIDAE The genetics of Chilasa clytia lankeswara (the common mime).	Studies on Eimeria mivati in chickens and a comparison with Eimeria accrvulina. 22766
22428 OSTERTAGIA Experimental infections of Ostertagia ostertagi in	PARAINFLUENZA-3 VIRUS	Bird ectoparasites from South Farallon Island, California.
calves: Results of two regimens of multiple in- noculations.	lsolation and experimental infection of calves with parainfluenza-3 virus. 22626	The location of the parasites in muscle cysticercosis.
Effect of the levo form of tetramisole on Ostertagia, Trichostrongylus, and Cooperia in cattle. 22772	Interferon production with strain SF-4 of parain- fluenza-3 virus.	PARASITOLOGY The effects of experimental microascaridic infections by Ascaris suum in guinea pigs subjected to
OSTRINIA NUBILALIS Daily weight gain of the European corn borer reared on artificial media (Lepidoptera:	PARAQUAT Observations on the use of preplant herbicides in pasture establishment in the wet tropics. 22557	total body X- irradiation LD 50/30. 22761 Czcchoslovak and Soviet parasitology: History,
Pyraustidac). 22373	Orchard weed control programs for 1968.	interrelations and work.
OVARIES	22566	PARATHION
The sterilizing action of parathion on the ovaries of quail and chicken embryos in in vitro culture. 22424	Use of Bipyridyl and Triazine herbicides in rasp- berries. 22569	The sterilizing action of parathion on the ovaries of quail and chicken embryos in in vitro culture. 22424
Histological observations of the formation of cle- mentary and reproductive ova in the ovaries of Plagiolepis pygmaea Latr. (Hymenoptera For-	Weed control in young peach orchards. 22601 Investigations with paraquat (Gramoxone) as a	PARTHENIUM Parthenium weed in Madhya pradesh. 22587
micidae). 22435 The determining factor in the stabilization of the	herbicide for weed control in low-grown tea. 22613 Persistence of herbicides in ponded water and	PARTHENOGENESIS Contribution of a biological study of Pissodes notatus F. (Col. Curculionidae).
acid content (hydroxy-10 decene-2 oique) in the ovaries of Apis mellifica L.	soils. 22790 PARASITIC INSECTS	PARTICLE SIZE DETERMINATION
OVIPOSITION A note on the oviposition of Simulium (S.) abgyreatum Meigen.	Emergence of parasites associated with the cabbage aphid during a chemical-control program.	Determination of the suitability of a microdoscr for topical application of insecticides to the Colorado potato beetle.
22437	22400	PASTEURELLA MULTOCIDA
OVULATION Teflon and cornstarch-coated paper as substrates for oviposition by cabbage looper moths.	Red mite control in Hawke's Bay orchards. 22529 PARASITIC MITES	Experimental pasteurellosis: Comparative stu- dies on Pasteurella multocida from Asia, Africa, and North America.
22408 DXALATES Pigweed (Amaranthus retroflexus): An oxalate-	Three new species of Phytoseiid mites preying on the cotton white fly, Bemisia tabaci in the Sudan (Acarina: Phytoseiidae).	22666 PASTURE MANAGEMENT Observations on the use of preplant herbicides in
containing plant.	22256	pasture establishment in the wet tropics.
OXALIDACEAE Weeds worth watching The soursobs.	Three new species of bird mites (Analgoidae) parasites of Procellariiformes.	PASTURES Pesticide residues in diary produce.
22611	PARASITISM	PATENTS 22797
OXYGEN The influence of rooted aquatic plants on the dissolved oxygen content of water.	The Alysiinae (Hym. Braconidae) parasites of the Agromyzidae (Diptera). VI. The parasites of Cerodontha rondani s. i.	N-methyl 3-methyl-5-ethyl phenyl carbamate as an insecticide Patent 3,422,198.
22805 C02:02 ratios in relation to weed seed germination.	Hymenopteran parasites of Lonchaea fugax Becker (Diptera: Lonchaeidae).	Pentachlorobenzyl alcohol, acetate, propionate and butyrate for combatting rice blast. Patent
22821	22353	3,426,135. 22515
A revision of the Tertiary fossil species of the Kalotermitidae (Isoptera).	Notes on three species of Actia (Dipt., Tachinidae), parasites of Oak-feeding caterpillars. 22371	Process for the control of nematodes using petroleum oil and water emulsions. Patent 3,426,126.
On the occurrence of fossil insects in the	Feeding and parasitism in gnats (Dipt.), also some finds.	22552
mcsozoic rocks of western Australia.	Manifestations of competition in parasite com-	Amine-phosphorus pentafluoride complexes as herbicides. Patent 3,420,655.
PANICUM MAXIMUM Observations on the use of preplant herbicides in	plexes as a problem in biological pest control. 22438	Herbicidal 1-substituted 2,4,5-tribromoimidazoles. Patent 3,423,420.
pasture establishment in the wet tropics. 22557 ANONYCHUS ULMI	The small gooseberry sawfly (Pristiphora pullipes Lep.), a little-known pest of gooseberries. 22542	22560 2-Trichloromethylbenzoxazole as a herbicide. Patent 3,423,200.
Initial survey of arthropod predators of the European red mitc in south-central Pennsylvania. 22282	Schizogony and gametogony of Leucocytozoon simondi and associated reactions in the avian host.	22575 Herbicidal composition. Patent 3,425,820.
Red mite control in Hawke's Bay orchards. 22529	22650 Studies on the problems associated with the ac-	Composition and method for controlling un- desirable plant growth. Patent 3,425,821.
PANTOTHENATE Pantothenic acid metabolism during avian malaria infection: Pantothenate kinase activity in	tivation of latent or inapparent salmonelloses by means of vaccination as well as on the possibility of simultaneous vaccination against salmonello-	Aquatic herbicide. Patent 3,421,880.
duck erythrocytes and in Plasmodium Iophurae. 22630	sis and swine fever. 22747	22598 Tissue culture hog cholera vaccinc. Patent 3,422,188.
PANTOTHENIC ACID Pantothenic acid metabolism during avian malaria infection: Pantothenate kinase activity in	The relation between the liver reserves of vitamin A and some intestinal parasites in Dokki 4 chicks. (b). In chicks infested with Ascaridia	Rabies vaccine and process for preparation
duck erythrocytes and in Plasmodium Iophurac. 22630	galli. 22758	thercof. Patent 3,423,505.

PEACHES

Method of combatting herpes virus with 5-nitrouracil. Patent 3,423,508.	PENTACHLOROBENZYL ALCOHOL Pentachlorohenzyl alcohol, acetate, propionate and butyrate for combatting rice blast. Patent	Results of pre-emergent aquatic herbicides in Illinois.
Control of coccidiosis in poultry. Patent	3,426,135. 22515	22574 Rooting of grasses as affected by siduron.
3,422,200. 22771	PENTACHLOROBENZYL BUTYRATE	22581
Method for modifying the growth characteristics of plants. Patent 3,421,881.	Pentachlorobenzyl alcohol, acetate, propionate and butyrate for combatting rice blast. Patent	Evaluation of diquat as an aquatic herbicide ap- plied at 2 gallons per surface acre, under Min- nesota conditions.
22814	3,426,135. 22515	22586
Bis-sulfonyl dihalomethanes as fungicides and bactericides. Patent 3,426,138.	PENTACHLOROBENZYL PROPIONATE Pentachlorobenzyl alcohol, acetate, propionate	Bioassay evaluation of depth distribution of in- corporated soybean precmergence herbicides. 22605
Triazines. Patent 3,423,409.	and butyrate for combatting rice blast. Patent 3,426,135.	Translocation and persistence of dicamba in Canada thistle, tartary buckwheat, quackgrass
Fungicidal compositions containing copper bisdimethyl acrylate. Patent 3,426,132.	PENTHALEUS MAJOR	and Kentucky bluegrass.
22831	Red legged earth mite and pea mite revised con- trol recommendation.	Herbicide persistence with different incorpora-
Process of killing fungi, bacteria or nematodes.	22539	tors.
Patent 3,422,197.	PERIPLANETA AMERICANA	22827
Water dispersible powdered pesticide concen-	Hemolymph proteins and reproduction in Periplaneta americana: The nature of conjugated	Pesticidal preparation and method of use. Patent 3,421,883.
trates. Patcnt 3,421,882.	proteins and the effect of cardiac-allatectomy on protein metabolism.	PESTICIDE RESIDUES
	22346	Control of the action of chemical molluscicides
Acaricidal composition containing N-substituted and unsubstituted alkyl and alkenyl-2-	Chromatographic evidence for murein from the	on zoophytic associations in fresh water.
dimethylamino-benzhydrylearbamates. Patent 3,422,199.	bacteroid symbiotes of Periplancta americana (L.).	PESTICIDES 22798
22835	22382	The evolution of resistance in hosts and pests.
Pesticidal preparations and compounds. Patent	The histology and histochemistry of the anterior	22497
3,423,470.	mid-gut of Periplaneta americana L. (Dictyop- tera: Blattidae) with reference to the formation	Pesticides and modern plant production. 22499
Pesticidal preparation and method of use. Patent	of the peritrophic membrane.	Process for the control of nematodes using
3,421,883.	Central nervous system control of circadian rhythmicity in the cockroach. I. Role of the pars	petroleum oil and water emulsions. Patent 3,426,126.
PEACHES	intercerebralis.	Pesticides use and health hazards.
Fruit discases in Illinois in 1967.	22433	22802
Control peach leaf curl.	PERITROPHIC MEMBRANE	Process of killing fungi, bacteria or nematodes.
22511	The histology and histochemistry of the anterior mid-gut of Periplaneta americana L. (Dictyop-	Patent 3,422,197. 22832
Weed control in young peach orchards.	tera: Blattidae) with reference to the formation of the peritrophic membrane.	Water dispersible powdered pesticide concen-
Adapting chemical weed control programs to	22422	trates. Patent 3,421,882.
meet orchard conditions.	PERMEABILITY Study on the permiability of the sensory organs	Acaricidal composition containing N-substituted
PEANUTS 22603	of the appendages of the head in the larvae of Speophyes lucidulus (Delar.) (Coleoptera).	and unsubstituted alkyl and alkenyl-2- dimethylamino-benzhydrylcarhamates. Patent
Effects of hoeing-weeding-cum-manuring on the yield of rainfed groundnut in the Punjab.	22375 Transmembrane ionic gradients in Lepidoptera	3,422,199. 22835
22564	as related to cardiac electrical activity.	Pesticidal preparations and compounds. Patent
A toxic fungus (Sclerotium rolfsii) isolated from groundnuts.	22426	3,423,470. 22836
22734	PEST CONTROL	Pesticidal preparation and method of use. Patent
Fumigants in India.	Prevention, surveillance and management of in- vading pest insects.	3,421,883.
22784	vauling pest insects.	22837
PEAS Processing pca responses to MCPB applications	Developments in post control. 1. The present status of resistance. II. The future of post control.	Safe handling of pesticides. 22843
at different growth stages.	22363	Where do we stand on safe use of pesticides.
Inhibition of the Hill reaction of isolated	The knowledge of the interdependence between soil pests, weeds, and their control measures.	PETROLEUM 22845
chloroplasts by amide-containing herbicides.	22487	Process for the control of nematodes using petroleum oil and water emulsions. Patent
Isolation and some physiological properties of	Effects and possibilities of using coumarin preparations in rodent control.	3,426,126.
natural plant growth inhibitors. 22825	22618	The effects of petroleum mulch and herbicides
PECTINOPHORA GOSSYPIELLA	Definition of terms in large scale rat control.	on lettuce.
A feeding stimulant for pink bollworm larvae in water extracts of cotton.	Pesticide residues in diary produce.	PETS 22554
22434	Some notes on the short-term and long-term	Azak - a new crabgrass herbicide.
PEDIPALPIDA	cconomics of pest control.	22590
Taxonomy and biology of Trithyreus brasiliensis n. sp. (Arach., Pcdipalpi, Schizopeltidia).	22840	PHALANGIDA On the duct of secretory glands on the first che-
PENICILLIN	Threshold values in the economics of insect pest control in agriculture.	liceral segment in the family Nemastimatidae and the application of this character in taxonomy
Effect of antibiotic therapy on experimental lep-	22841	(Opilionidea).
tospirosis infection and development of acquired resistance in guinea pigs.	PESTICIDE APPLICATION The knowledge of the interdependence between soil pasts woods and their central measures.	PHALARIS TUBEROSA 22450
22669	soil pests, weeds, and their control measures.	Phalaris staggers need not be a bogey. 22636
PENTACHLOROBENZYL ACETATE Pentachlorobenzyl alcohol, acctate, propionate	New injection system for killing or curing trees. 22488	PHARMACOLOGY
and butyrate for combatting rice blast. Patent 3,426,135.	Phragmites control in Delaware, 1965.	Effects and possibilities of using coumaring preparations in rodent control.
22515	22570	22618

Pharmacologic properties of a slobber-inducing mycotoxin from Rhizoctonia leguminicola.	PHOTOPERIODISM The regulation of cyclic reproductive and feed-	PICEA GLAUCA Effect of methyl bromide treatments on several
mycotoxiii from Kinzoctoma regumineoia.	ing activity in the milkweed bug Oncopeltus by	species of conifer seed.
PHASMATIDAE	temperature and photoperiod.	22579
The effect of castration on the ventral neu-	PIIOTOSENSITIZATION	PICLORAM Recent developments in the control of woody
rosecretion cells of the infraesophageal ganglion in the phasmid, Carausius morosus (Phasmidae-	Light-inhibition of flashing in the firefly Photuris missouriensis.	weeds in New Zealand.
Orthoptera).	22369	Control of Whitebrush (Aloysia lycioides
PHEASANTS	PIIOTOSYNTHESIS	Cham.) with picloram.
A gynandromorph of Oxylipeurus mesopelios	Utilization of 14C metabolites, incorporation of 32P and changes in respiration occurring in	Effect of several herbicides on the proteolytic ac-
(Nitzsch) (Mallophaga) from Phasianus colchicus L.	leaves from dalapon treated beans.	tivity in squash.
22432	22819	22804
Comparison of the resistance of different-aged	Translocation of herbicides in American pond- weed (Potamogeton nodosus Poir.).	PIEZOSTERNUM CALIDUM Further observations on the biology of the oyster
pheasants to eastern encephalitis virus from dif- ferent sources.	22820	nut shield bug (Piezosternum calidum Fab.).
22664	PHRAGMITES Phragmites control in Delaware, 1965.	PIGEONPOX VIRUS
PHERMONES	22570	Some studies on pigeon pox virus in tissue cul-
A pheromone-like dispersant affecting the local distribution of the European house cricket,	PHRAGMITES COMMUNIS Environmental control at Boston-Logan Interna-	ture. 22729
Acheta domestica. 22448	tional Airport.	PINE NEEDLES
PHEROMONES	22563	A staining technique for jack-pine budworm egg
Research on the sexual behavior of Pityokteines	PHYLLODY On the presence of mycoplasma-like particles in	masses. 22415
spinidens Reit. (Coleoptera Scolytidae	the inner bark of plants damaged by diseases of	PINUS PONDEROSA
polygamous) and a study of the factors that make	the yellow type (Aster Yellow, Phyllody of	Sapsucker damage to ponderosa pine.
the male more attractive to the female.	clover, Stolbur of tomatoes) and on the relation-	22617
	ship of these particles to the ones found in vari- ous Insecta Homoptera.	PINUS RESINOSA
Isolation of the population aggregating pheromone of the southern pine beetle.	22505	Effects of direct contact of pine seeds or young seedlings with commercial formulations, active
22441	PHYSALIS	ingredients, or inert ingredients of triazine herbi-
Insect and host factors in the aggregation of the	Some observations on vectors and transmission	cides.
southern pine beetle.	of tobacco etch virus.	22582
22463	PHYSIOLOGY	PINUS SYLVESTRIS Effect of methyl bromide treatments on several
PHLEBOTOMUS	Developments in pest control. I. The present	species of conifer seed.
Biological observations on some sandflies (Phlebotomus) of Rancho Grande (Venezuela).	status of resistance. II. The future of pest control.	22579
1. Description of a limited area of a cloudy forest	22363	PINUS TAEDA How serious is rabbit damage on loblolly pine
and the taxonomy of the Phlebotomus (Diptera,	A neglected diagnostic character of the Apoidea (Hymenoptera).	seedlings.
Psychodidae).	22421	22616
Contributions to the morphological differentia-	Experimental study of the effect of nutrition on	PIPERAZINE
tion between the females of Phlebotomus major	cyclecompletion in Pythidae parasites in tropical	Round worms in pigs.
and Phlebotomus perfiliewi (Diptera,	cultures.	Comparative evidence with dichlorvos and
Psychodidae) in Romania.	Light reflexes of caterpillars of Bombyx mori L.	derivatives of piperazine in the Ascaridosis of the
	(Lepid.).	pig. 22780
Investigations concerning the morphological characters of the variaty Phlebotomus chinensis	22446	PIROPLASMOSIS
balcanicus Theodor 1958.	Stimulation of leptospiral growth by glucose. 22653	Equine piroplasmosis: Indirect flourescent an-
22379	The situation of the African swine fever virus in	tibody test for Babesia caballi.
PHORMIA REGINA	viral systematics.	22689
Fine structure of the tip of chemosensitive hairs	22687	PLANT BIOCHEMISTRY
in two blow flies and the stable fly.	PHYTOPATHOLOGY	Effect of several herbicides on the proteolytic activity in squash.
PHOSPHORUS	Early detection of infection of sugarcane by	22804
Nitrogen and phosphorus content of greenbugs	ratoonstunting disease (RSD).	The action of several inhibitors on the respira-
reared on fertilized wheat.	PHYTOPHTHORA	tion of plant tissues treated with gibberellic acid.
22383	Experimental study of the effect of nutrition on	Dodder:Potential research tool.
Studies on the terminal respiratory systems in the	cyclecompletion in Pythidae parasites in tropical	22808
minute (2)z mutant of Drosophila melanogaster.	cultures. 22440	Partitioning and distribution of herbicides in
Amine-phosphorus pentafluoride complexes as	Effect of amino acids and organic acids on the	spinach chloroplasts.
herbicides. Patent 3,420,655.	sexual reproduction of species of Phytophthora	22815
22559	and Pythium.	Partitioning and distribution of herbicides in spinach chloroplasts.
PHOSPHORUS COMPOUNDS	PHYTOPHTHORA INFESTANS	22816
A stable phosphorus compound in the body-wall	Investigation of the toxicity of fungicidal aerosols	Inhibition of the Hill reaction of isolated
muscle of Ascaris lumbricoides.	to late blight (Phytophtora infestans (Mont.)de	chloroplasts by amide-containing herbicides.
PHOSPHORUS ISOTOPES	Bary) under laboratory conditions.	22817
Utilization of 14C metabolites, incorporation of	PHYTOTOXICITY	Translocation of herbicides in American pond- weed (Potamogeton nodosus Poir.).
32P and changes in respiration occurring in	Effect of methyl bromide treatments on several	22820
leaves from dalapon treated beans.	species of conifer seed.	The influence of volatile 2,4-D upon zinnias,
PHOTINUS	22579	snapdragons, and other bedding plants as af-
The prairie peninsula and secondary intergrada-	Effects of direct contact of pine seeds or young	fected by other gases such as SO2 and NH3.
tion in Photinus fireflies (Coleoptera: Lam-	seedlings with commercial formulations, active ingredients, or inert ingredients of triazine herbi-	Isolation and some physiological properties of
pyridae).	cides.	natural plant growth inhibitors.
PHOTOCHEMISTRY 22301	22582	22825
PHOTOCHEMISTRY Partitioning and distribution of herbicides in	PICEA ABIES Effect of methyl bromide treatments on several	Translocation and persistence of dicamba in Canada thistle, tartary buckwheat, quackgrass
spinach chloroplasts.	species of conifer seed.	and Kentucky bluegrass.
	22570	

PLANT MORPHOLOGY

PLANT BREEDING PLANT BREEDING

PLANT BREEDING	PLANT MORPHOLOGY	Method for modifying the growth characteristics
Further observations of the tolerance and susceptibility of tea clones to shot-hole borer in-	Weeds worth watching The soursobs . 22611	of plants. Patent 3,421,881.
festation.	Processing pea responses to MCPB applications	Utilization of 14C metabolites, incorporation of
22541	at different growth stages.	32P and changes in respiration occurring in
PLANT DISEASE CONTROL Determination of the inhibition activity in the	22612	leaves from dalapon treated beans.
sap from potato leaves with regard to the X-virus	PLANT MUTATION	Z2819
by means of a serological method.	Alterations in mitosis induced by isomers of hex- achlorocyclohexane. II. The delta isomer. The	Translocation and persistence of dicamba in Canada thistle, tartary buckwheat, quackgrass
22503	possible mechanism of action of hexachloro-	and Kentucky bluegrass.
PLANT DISEASE RESISTANCE Varietal resistance of winter barley to loose smut	cyclohexane.	22826
of barley (Ustilago nuda (Jens.) Rostr.).	22568	PLANT PROPAGATION
22493	PLANT NEMATODES Citrus diseases and pests.	Pesticides and modern plant production. 22499
The evolution of resistance in hosts and pests.	22490	PLANT PROTECTION
22497	South American origin of European pathotypes	The principle of integrated plant protection.
Determination of the inhibition activity in the sap from potato leaves with regard to the X-virus	of the potato-root eelworm, Heterodera	22491
by means of a serological method.	rostochiensis Wollenweber.	Integrated plant protection in fruit growing.
22503	Electrophoretic observations on the protein	22492
How plants protect themselves against fungus.	composition of free-living and plant-parasitic ne-	Virus tested deciduous fruit trees.
22516	matodes, with a special reference to some com-	22496
PLANT DISEASE TRANSMISSION Studies on the infection of cucumber mosaic	ponents showing a digestive activity.	Systemic insecticides evaluated for two-spotted mite control on greenhouse cucumbers.
virus, III. Time of the infection after inoculation	The effects of Ashelanshaids with A	22532
with whole virus or with viral nucleic acid.	The effects of Aphelenchoides saprophilus, A. coffeae, Aphelenchus avenae and Panagrolaimus	Process for the control of nematodes using
22498	sp. on the cropping of cultivated mushroom.	petroleum oil and water emulsions. Patent
PLANT DISEASES	22549	3,426,126. 22552
Citrus diseases and pests.	Pototo cultivation and the root-lesion nematode	Subsistence agriculture: Crop protection in sub-
Fruit diseases in Illinois in 1967.	of tea.	sistence agriculture. Crop protection in sub-
22509	PLANT NUTRITIONAL DEFICIENCIES	22842
Problems in plant pathology and entomology	Citrus diseases and pests.	New legal bases in plant protection.
field trials.	22490	22846
22524	PLANT PEST CONTROL	We have the most modern plant protection law
PLANT ECOLOGY Pesticides and modern plant production.	Late-season feeding and emergence of the tobac-	in the world.
22499	co flea beetle.	PLANT REGULATORS
Studies of the germination, growth and develop-	Biological control of insects and weeds.	Seed dormancy of Fumaria officinalis.
ment of barnyardgrass.	22489	22578
22565	Citrus diseases and pests.	The action of several inhibitors on the respira-
Weed control in young peach orchards.	22490	tion of plant tissues treated with gibberellic acid.
PLANT EXTRACTS 2260 t	Pesticides and modern plant production.	22807
A feeding stimulant for pink bollworm larvae in	22499	Method for modifying the growth characteristics of plants. Patent 3,421,881.
water extracts of cotton.	Aerial pest control. 22536	22814
22434	PLANT PEST RESISTANCE	PLANT RESPIRATION
Plant insecticides.	Further observations of the tolerance and	The action of several inhibitors on the respira-
PLANT GEOGRAPHY	susceptibility of tea clones to shot-hole borer in-	tion of plant tissues treated with gibberellic acid. 22807
Weeds worth watching The soursobs .	festation.	Utilization of 14C metabolites, incorporation of
22611		32P and changes in respiration occurring in
PLANT GROWTH INHIBITORS	South American origin of European pathotypes of the potato-root celworm, Heterodera	leaves from dalapon treated beans.
Isolation and some physiological properties of	rostochiensis Wollenweber.	22819
natural plant growth inhibitors.	22545	PLANT TRANSLOCATION
PLANT HORMONES	PLANT PHYSIOLOGY	Aquatic vegetation control in Louisiana. 22615
Effect of sucrose, auxins and gibberellic acid on	Factors affecting the activity of diallate. 22558	Partitioning and distribution of herbicides in
rooting of stem segemnts of Populus nigra under	Studies of the germination, growth and develop-	spinach chloroplasts.
varying light conditions.	ment of barnyardgrass.	22815
PLANT INJURIES	22565	Translocation of herbicides in American pond-
Studies on the biology of Athalia proxima Klug	Seed dormancy of Fumaria officinalis.	weed (Potamogeton nodosus Poir.). 22820
(Tenthredinidae; Hymenoptera).	22578	Penetration and distribution studies in bean, cot-
22449	Composition and method for controlling un- desirable plant growth. Patent 3,425,821.	ton and barley from foliar and root applications
Legislation for aerial spraying. 22485	22596	of Tween 20-C14 (fatty acid and oxyethylene
The principle of integrated plant protection.	Weed control in young peach orchards.	labeled). 22823
22491	22601	Translocation and persistence of dicamba in
Integrated plant protection in fruit growing.	Processing pea responses to MCPB applications	Canada thistle, tartary buckwheat, quackgrass
22492	at different growth stages.	and Kentucky bluegrass.
A study on changes in larval and pupal densities	Effects of soil applied trifluralin on fish produc-	DI ANT WATER RELATIONS
of the rice stem borer, Chilo suppressalis Walker, in its first generation.	tion in pools.	PLANT WATER RELATIONS The influence of rooted aquatic plants on the dis-
22534	22791	solved oxygen content of water.
How serious is rabbit damage on loblolly pine	Surfactant toxicity to plant tissues.	22805
seedlings.	22806	PLANTAGO
Field investigations of claims against herbicides	Interactions between atrazine residue and four	A virus of tabacco rattle group naturally occur- ring in Plantago sp. in tczechoslovakia.
Field investigations of claims against herbicides.	herbicides: Amihen, CDAA, linuron, and triflu- ralin.	ring in Plantago sp. in tezechoslovakia.
The influence of volatile 2,4-D upon zinnias,	22810	PLANTS
snapdragons, and other bedding plants as af-	Use of lahoratory evaluations for aquatic herbi-	Contributions to the knowledge of host plants of
fected by other gases such as SO2 and NH3.	cides and algicides.	middle German aphididae. 22397
22022	22011	22371

PROTECTIVE CLOTHING
Deet-impregnated net shirt repels biting flies.
22483

Culiseta melanura (Coquillett) breeding in artificial containers.	POPULUS NIGRA Effect of sucrose, auxins and gibberellic acid on rooting of stem segemnts of Populus nigra under	PRECIPITATION Contributions to the biology of the bumble bee. 22387
Feeding of horseflies (Tabanidae: Diptera) on plant juices.	varying light conditions. 22818	PRECIPITIN TEST Experimental paratuberculosis in sheep after
22538 Surfactant toxicity to plant tissues.	POTAMOGETON Evaluation of diquat as an aquatic herbicide applied at 2 gallons per surface acre, under Min-	oral, intratracheal, or intravenous inoculation: Serologic and intradermal tests.
PLASMA MEMBRANE	nesota conditions.	PREDACEOUS FUNGI
Fractionation and characterization of the plasma and mesosome membrane of Listeria mono-	POTAMOGETON CRISPUS The influence of rooted aquatic plants on the dis-	The action of calcium cyanamide on some fun- gus predators of nematodes.
cytogenes. 22660	solved oxygen content of water.	PREDACEOUS INSECTS 22553
LASMODIUM Pantothenic acid metabolism during avian malaria infection: Pantothenate kinase activity in	POTAMOGETON NODOSUS Control of suhmerged aquatic weeds in rice	Golanudiplosis japonicusa new midge attacking comstock mealybug in Japan (Diptera:
duck erythrocytes and in Plasmodium Iophurae.	fields.	Itonididae). 22274
Characterization of the malaria pigment (hemozoin) from the avian malaria parasite	Translocation of herbicides in American pond- weed (Potamogeton nodosus Poir.).	Initial survey of arthropod predators of the Eu- ropean red mite in south-central Pennsylvania. 22282
Plasmodium lophurae.	22820	Setting up a method for control of clover weevils.
NEUMONIA	POTAMOGETON PECTINATUS Results of pre-emergent aquatic herbicides in Il-	22519 Reflections on the estimation of food losses due
Pathology of pneumonia in intensively-reared calves.	linois. 22574	to Bruchidae (Coleoptera).
22731	POTATOES	DDECNIANCY 22531
OA PRATENSIS Translocation and persistence of dicamba in Canada thistle, tartary buckwheat, quackgrass	Determination of the inhibition activity in the sap from potato leaves with regard to the X-virus by means of a serological method.	PREGNANCY Effects of progesterone treatments on delayed implantation in mink.
and Kentucky bluegrass.	22503	PROCTOTRUPOIDEA 22620
OISONING Emergence of parasites associated with the	Late blight of potatoes. 22520 The bests and life histories of three mirid burs of	Biological observations on 53 species of the su- perfamilies, Chalcidoidea and Proctotrupoidea,
cabbage aphid during a chemical-control program.	The hosts and life histories of three mirid bugs of economic importance with notes on their control.	from Japan (Hymenoptera: Apocrita).
Field investigations of claims against herbicides.	22543	PROGESTERONE Effects of progesterone treatments on delayed
22792	South American origin of European pathotypes of the potato-root eelworm, Heterodera	implantation in mink. 22620
OISONOUS PLANTS Phalaris staggers need not be a bogey.	rostochiensis Wollenweber . 22545	PROMETRYNE
22636 Pigweed (Amaranthus retroflexus): An oxalate-	Flavianic acid as a hatching and stimulating agent for Heterodera rostochiensis cysts.	Observations on the use of preplant herbicides in pasture establishment in the wet tropics. 22557
containing plant.	Pototo cultivation and the root-lesion nematode	Herbicide/surfactant combinations for celery
Field investigations of claims against herbicides.	of tea.	seedbeds.
0LYGONUM CONVOLVULUS	Chemical weed control in potato (Solanum tu-	Weed control in young peach orchards.
Wild buckwheat competition in flax. 22571	berosum L.)a review.	22601 Partitioning and distribution of herbicides in
OLYGONUM PENSYLVANICUM	Symptoms and characteristics of Pratylenchus	spinach chloroplasts. 22815
Atmospheric fumigation of dormant and non- dormant weed seed.	brachyurus infestation on stored potatoes. 22788	Partitioning and distribution of herbicides in
22561 C02:02 ratios in relation to weed seed germina-	The action of several inhibitors on the respira- tion of plant tissues treated with gibberellic acid.	spinach chloroplasts. 22816
tion.	22807	Herbicide persistence with different incorpora-
DLYMORPHISM 22821	POULTRY Immunologic response of fowl to Mycoplasma	tors. 22827
Observations on the larva of Hippotion celerio Linnaeus (Lepid., Sphingidae) in Tanzania.	gallisepticum and its relationship to latent infec-	PROPANIL
22413	22710	Partitioning and distribution of herbicides in spinach chloroplasts.
OLYTETRAFLUOROETHYLENE Teflon and cornstarch-coated paper as substrates	Characterization of the malaria pigment (hemozoin) from the avian malaria parasite	22815 Partitioning and distribution of herbicides in
for oviposition by cabbage looper moths.	Plasmodium lophurae. 22725	spinach chloroplasts.
ONDS	Avian leukosis from the point of view of avian	PROPAZINE 22816
Results of pre-emergent aquatic herbicides in Illinois. 22574	viral tumors.	Effects of direct contact of pine seeds or young seedlings with commercial formulations, active
Evaluation of diquat as an aquatic herbicide applied at 2 gallons per surface acre, under Min-	Control of coccidiosis in poultry. Patent 3,422,200.	ingredients, or inert ingredients of triazine herbi- cides. 22582
nesota conditions.	POULTRY DISEASES	Herbicide persistence with different incorpora-
Persistence of herbicides in ponded water and	Studies on staphylococcosis in chickens. II. Pathogenicity of staphylococcus aureus of	tors. 22827
soils. 22790	chicken origin for various experimental animals. 22681	PROPERTIES Characterization of the malaria pigment
OPULATION A standard yellow jacket trap for population	Fowl poxa costly disease cheaply prevented. 22730	(hemozoin) from the avian malaria parasite Plasmodium lophurae.
sampling and control evaluation.	POXVIRUSES	22725
Manifestations of competition in parasite com-	Bovine virus diarrhea in Italy. I. Isolation and characterization of the virus.	PROSOPIS JULIFLORA The woody plant nurserya useful tool for
plexes as a problem in biological pest control.	PRATYLENCHUS 22641	evaluation of herbicides. 22576
DPULATION STATISTICS	Symptoms and characteristics of Pratylenchus	PROTECTIVE CLOTHING
Changes in the population of Cecidomyiidae. 22398	brachyurus infestation on stored potatoes. 22788	Deet-impregnated net shirt repels biting flies. 22483

POPULATION STATISTICS
Changes in the population of Cecidomyiidae.
22398

PYTHIUM

PROTEINASES

PROTEINASES Electrophoretic observations on the protein	PYTHIUM Experimental study of the effect of nutrition on	Use of Bipyridyl and Triazine herbicides in rasp- berries.
composition of free-living and plant-parasitic ne-	cyclecompletion in Pythidae parasites in tropical cultures.	22569
matodes, with a special reference to some com- ponents showing a digestive activity.	22440	RATOON STUNT Early detection of infection of sugarcane by
PROTEINS	Effect of amino acids and organic acids on the sexual reproduction of species of Phytophthora	ratoonstunting disease (RSD). 22502
Stimulation of leptospiral growth by glucose. 22653	and Pythium. 22504	RATS Definition of terms in large scale rat control.
Adsorption of herbicides to proteins.	QUAIL The sterilizing action of parathion on the ovaries	Acute and chronic Erysipelothrix rhusiopathiae
PROTOZOA	of quail and chicken embryos in in vitro culture. 22424	infection in rats. 22659
Schizogony and gametogony of Leucocytozoon simondi and associated reactions in the avian host. 22650	RABBITS How serious is rabbit damage on loblolly pine seedlings.	On reproduction studies and the occurrence of cataracts in rats after long-term feeding of the insecticide heptachlor.
PSALLUS	22616 Serological response of pigs to infection with	RATTLE DISEASE (TOBACCO)
A new contribution to the taxonomy of the genus Sthenarus Fieber and Psallus Fieber(Hem. Het. Miridae).	Mycoplasma. Demonstration of growth and metabolism-inhibiting antibodies in sera of pigs inoculated intranasally with Mycoplasma hyor-	A virus of tabacco rattle group naturally occur- ring in Plantago sp. in tczechoslovakia.
PSEUDALETIA UNIPUNCTA	hinis. II. 22661	RED CLOVER
The armyworm Pseudaletia unipuncta Haworth in Ontario in 1964.	Experimentally induced bovine psoroptic acariasis in a rabbit.	Setting up a method for control of clover weevils. 22519
22525	22695	REDUVIIDAE New observation concerning the pathogenic ac-
PSEUDOCOCCUS Unusual microtubular patterns and thrce-dimensional movement of mealybug sperm and sperm	Pathogenesis of coliform mastitis in cattle. II. A comparison of morphological findings in coliform mastitis in cattle and in the experimen-	tion of Trypanosoma rangeli Tejera, 1920 on Rhodnius prolixus Stal, 1859.
bundles. 22444	tally induced arthus phenomenon in the mamma- ry glands of rabbits.	The effect of colchicine on myogenesis in vivo in Rana pipiens and Rhodnius prolixus (Hemip-
PSEUDOCOCCUS COMSTOCKI	Active immunity against Trichostrongylus axei in	tera).
Golanudiplosis japonicusa new midge attacking comstock mealybug in Japan (Diptera: Itonididae).	sheep and rabbits. 22774	REFLEXES The antennal origin of the neuro-endocrine
22274	The influence of bee venom on the osmotic fragility of young rabbit RBC.	reflexes of the Dictyoptera Blaberidae and Blat- tidae.
PSEUDOCOWPOX Pseudocowpox in Germany.	22799	22359
22684	RABIES Rabies vaccine and process for preparation	REGENERATION Regenerating tissues from the cockroach, Leu-
PSEUDOMONAS AERUGINOSA Experimental Pseudomonas aeruginosa mastitis	thereof. Patent 3,423,505.	cophaea maderae: Nerve regeneration in vitro. 22425
in cattle. 22714	Further investigations of the question of latent rabies infection in foxes.	REOVIRUSES Physico-chemical properties of avian reovirus
PSILA ROSAE Concerning the influence of various light colors	RABIES VIRUS	and its nucleic acid. 22724
and the different population densities on the lifespan and egg production of the carrot fly, Psila rosea Fabr.	Comparative potency tests on modified live-virus rabies vaccine produced from Flury high egg-passage virus grown on permanent dog kidney	REPORTS Homoptera of the Kurile Islands. 22283
22310	cell line. 22634	Progress report on laboratory rearing of black
PSOROPTES OVIS Experimentally induced bovine psoroptic acaria-	Isolation of Listeria monocytogenes from brains	flies (Diptera: Simuliidae).
sis in a rabbit.	of rabiesnegative animals.	Veromessor lobognathus: Fourth note (Hymenoptera: Formicidae).
PSYLLA PYRICOLA The pear psylla, Psylla pyricola Foerster, in On-	RADIOACTIVE CONTAMINATION The uptake of Strontium 90 by Chironomus	REPRODUCTION 22467
tario; Homoptera: Chermidae.	varus. 22416	Contribution to the morphological and biological study of Tetranychus neocaledonicus Andre
PTEROMALIDAE Hymenopteran parasites of Lonchaea fugax	RADIOACTIVE TRACERS Utilization of 14C metabolites, incorporation of	1933 (AcarinaTetranychidae) cotton red- spider in Madagascar. 22276
Becker (Diptera: Lonchaeidae).	32P and changes in respiration occurring in leaves from dalapon treated beans.	Demography of the damselfly, Argia plana Cal-
Influence of temperature on the fecondity of	Translocation of herbicides in American pond-	vert (Odonata Coenagriidae). 22356
Asaphes vulgaris Walker (Hymcnoptera, Pteromalidae).	weed (Potamogeton nodosus Poir.).	The regulation of cyclic reproductive and feed- ing activity in the milkweed bug Oncopeltus by
PUBLIC HEALTH	Translocation and persistence of dicamba in	temperature and photoperiod.
Pesticides use and health hazards.	Canada thistle, tartary buckwheat, quackgrass and Kentucky bluegrass.	Egg production of house-fly adults fed human blood containing various supplements.
Where do we stand on safe use of pesticides.	RADIOMETRY	22384
PUPAE 22845	Determination of the suitability of a microdoser for topical application of insecticides to the	Contributions to the biology of the bumble bee. 22387
Sound-production in Netherland Lycaenidae. 22388	Colorado potato beetle. 22458	Feeding and oviposition behavior in the mosquito Aedes aegypti (L.). I. Preliminary stu-
Artificial pupal cell for the tobacco hornworm. 22409	RAINFALL The thin-layer effect and the herbicidal action of	dies of physiological control mechanisms.
A study on changes in larval and pupal densities	3,4-dichlorobenzyl methylcarbamate.	Beginning of embryonic development within the maternal organism of Icerya purchasi Mask.
of the rice stem borer, Chilo suppressalis Walker, in its first generation.	Technique to study the movement of CDAA from a granule into soil.	22445 Effect of amino acids and organic acids on the
PYRAZON 22534	22597	sexual reproduction of species of Phytophthora and Pythium.
Environmental variables and weed control with	RASPBERRIES Effects of tomato ringspot virus on plant and	22504
pyrazon in sugar beets. 22591	fruit development of raspberries.	The effect of DDT on reproduction in mice. 22619

Effects of progesterone treatments on delayed implantation in mink.	Investigations concerning gall gnats. VI. The justification of the genus Nouryodiplosis Tavares 1929.	Feeding of horseflies (Tabanidae: Diptera) or plant juices. 22538
	22332	
Studies on the site of replication of vesicular sto-		The pear psylla, Psylla pyricola Foerster, in On-
matitis virus.	A review of North American Ardeicola (Mal-	tario; Homoptera: Chermidae.
22648	lophaga: Philopteridae).	22544
Investigations on an avian adenovirus.	22340	The effect of DDT on reproduction in mice.
22699	New records of two Curculionid beetles in North	22619
Effects of soil applied trifluralin on fish produc-	Carolina.	On sampling and extracting technique for soil
tion in pools.	22344	
22791	The distribution pattern of indirect flight muscle	micro-arthropods. 22621
	fibres in Acdes aegypti (L.) (Diptera: Culicidae).	
On reproduction studies and the occurrence of	22354	Acute and chronic Erysipelothrix rhusiopathiae
cataracts in rats after long-term feeding of the in-		infection in rats.
secticide heptachlor.	Field studies of insecticides for control of the	22659
	coffee leaf miner, Leucoptera coffeella.	Serological response of pigs to infection with
RESEARCH	22365	Mycoplasma. Demonstration of growth and
Insects and mites on tea in Africa and adjacent	Daily weight gain of the European corn borer	metabolism-inhibiting antibodies in sera of pigs
islands.	reared on artificial media (Lepidoptera:	inoculated intranasally with Mycoplasma hyor-
22243	Pyraustidae).	hinis. II.
A dry ice-baited trap for the collection and field	22373	22661
storage of hematophagous Diptera.	Egg production of house-fly adults fed human	Comparative fluorescence-immunological and
22244	blood containing various supplements.	cytopathological studies with various virus
Seasonal succession of bloodsucking Diptera in	22384	strains of the mucosal disease of cattle.
Wisconsin during 1965.	The dance of the bees.	22676
22245	22389	
Ticks (Ixodidae) collected by Deutsche Indien-		Studies on staphylococcosis in chickens. II.
	Progress report on laboratory rearing of black	Pathogenicity of staphylococcus aureus of chicken origin for various experimental animals.
Expedition 1955-1958.	flies (Diptera: Simuliidae).	22681
22246	22391	
Significance of fluctuating humidities and	A laboratory investigation of maturation in the	Studies on the development of a live vaccino
frequency of blood meals on the survival of the	Cuban burrowing cockroach Byrsotria fumigata	against equine rhinopneumonitis (abortion of
spiny rat mite, Echinolaelaps echidninus (Ber-	(Guerin).	mares).
lese).	22392	22692
22247	A collection device for Leptoconops kerteszi	Investigations on an avian adenovirus.
St. Louis encephalitis in Mcleansboro, Illinois,	(Diptera: Ceratopogonidae) biting gnats.	22699
1964.	22393	Experimental contributions to the knowledge of
22248	Contributions to the knowledge of host plants of	dermatitis pustulosa of sheep. VII. Investigations
Host-feeding patterns of Anopheles freeborni in	middle German aphididae.	into the processes in the low temperature com-
the Sacramento Valley, California.	22397	plement binding reaction with dermatitis pustu-
22250		losa antigen.
	A neglected diagnostic character of the Apoidea	22715
Lectotype designations of Cerambycidae in the	(Hymenoptera).	
British Museum (Natural History) (Coleoptera).	22421	Experimental contributions to the knowledge of
22263	The histology and histochemistry of the anterior	dermatitis pustulosa of sheep. V. Investigations
Lectotype designations of Cerambycidae in the	mid-gut of Periplaneta americana L. (Dictyop-	into the development of immunity to the virus of
Museum d' Histoire Naturelle, Paris (Coleop-	tera: Blattidae) with reference to the formation	dermatitis pustulosa at various places of the sur-
tera).	of the peritrophic membrane.	face of the body.
22264	22422	22717
Seasonal abundance of Tabanidae at Mazabuka,	Host-feeding patterns of Culex tarsalis in the	Electron microscopic studies on the lymph node
Zambia.	Sacramento Valley, California, with notes on	of the pig.
22265	other species.	22722
Contribution to the morphological and biological	22460	Studies on the problems associated with the ac-
study of Tetranychus neocaledonicus Andre	Culiseta melanura (Coquillett) breeding in artifi-	tivation of latent or inapparent salmonelloses by
1933 (AcarinaTetranychidae) cotton red-	cial containers.	means of vaccination as well as on the possibility
spider in Madagascar.	22465	of simultaneous vaccination against salmonello-
22276		sis and swine fever.
	Veromessor lobognathus: Fourth note	22747
New species of Erythroneura (Homoptera:	(Hymenoptera: Formicidae).	
Cicadellidae).	22467	Further investigations of the question of latent rabics infection in foxes.
22280	Studies on the terminal respiratory systems in the	radics infection in loxes.
Homoptera of the Kurile Islands.	minute (2)z mutant of Drosophila melanogaster.	
22283	22475	Studies on Eimeria mivati in chickens and a com-
Biological observations on 53 species of the su-	The knowledge of the interdependence between	parison with Eimeria acervulina.
perfamilies, Chalcidoidea and Proctotrupoidea,	soil pests, weeds, and their control measures.	22766
from Japan (Hymenoptera: Apocrita).	22487	Bird cctoparasites from South Farallon Island,
22284	Varietal resistance of winter barley to loose smut	California.
The prairie peninsula and secondary intergrada-	of barley (Ustilago nuda (Jens.) Rostr.).	22770
tion in Photinus fireflies (Coleoptera: Lam-	22493	Investigation of the helminthofauna of beasts of
pyridae).	Some observations on vectors and transmission	prey.
22301	of tobacco etch virus.	22779
	22495	Investigation of the toxicity of fungicidal aerosols
Entomology and entomologists.		to late blight (Phytophtora infestans (Mont.)de
	Virus tested deciduous fruit trees.	Bary) under laboratory conditions.
Supplementary information on the Aphididae		22801
fauna of central Europe.	The decay of citrus fruits caused by Fusarium	Dodder:Potential research tool.
22309	lateritium Nees (Gibberella baccata (Wallr.)	
Concerning the influence of various light colors	Sacc.).	22808
and the different population densities on the	22501	RESPIRATORY DISEASES
lifespan and egg production of the carrot fly,	The armyworm Pscudaletia unipuncta Haworth	Experimental transmission of bovine
Psila rosea Fabr.	in Ontario in 1964.	mycoplasma in calves and turkeys.
22310	22525	22663
New Nearctic and Neotropical muscoidean Dip-	Systemic insecticides evaluated for two-spotted	RETICULOENDOTHELIAL SYSTEM
tera (Sarcophagidae and Tachinidae).	mite control on greenhouse cucumbers.	Experimental infectious canine hepatitis. V. The
22324	22532	effect of reticulo-endothelial blockade.
Two new and economically significant	A study on changes in larval and pupal densities	22750
Chloropidae, with the description of a new genus	of the rice stem borer, Chilo suppressalis Walker,	RETINA
(Diptera).		Ocular toxoplasmosis in cats.
(wiprotu).	in its first generation.	Genini toropinalitosia ili cata.

PEVIEWS

REVIEWS		
REVIEWS	ROSA BRACTEATA	SCENT GLANDS
Pesticides and modern plant production. 22499	The woody plant nurserya useful tool for evaluation of herbicides.	The abdominal scent organ male hawk moth Supplements to the knowledge of hawk moth
RHIZOBIUM	22576	(III) (Lcp. Sphingidac).
Strain variation and host specificity of Rhizobi- um. II. Host specificity of Rhizobium trifolii on European clovers.	RUBUS FRUTICOSUS Recent developments in the control of woody weeds in New Zealand.	SCHISTOCERCA GREGARIA The post-cephalic stomodial nervous system of
22510	22588	Schistocerca gregaria Forsk. (Orthoptera) ar Blabera craniifer Burm. (Dietyoptera).
RHIZOCTONIA Pharmacologic properties of a slobber-inducing mycotoxin from Rhizoctonia leguminicola.	SAFETY EDUCATION Pesticides use and health hazards. 22802	SCHIZAPHIS GRAMINUM
22647	Safe handling of pesticides.	Nitrogen and phosphorus content of greenbug reared on fertilized wheat.
New observation concerning the pathogenic ac-	22843	2238
tion of Trypanosoma rangeli Tejera, 1920 on Rhodnius prolixus Stal, 1859.	Where do we stand on safe use of pesticides. 22845	Further studies on mosaic disease of maize (Ze mays L.).
22401	SAINT LOUIS ENCEPHALITIS	SCI EDOTHUM DOLESH
RICE	St. Louis encephalitis in Meleansboro, Illinois, 1964.	SCLEROTIUM ROLFSII A toxic fungus (Sclerotium rolfsii) isolated from
Pentachlorobenzyl alcohol, acetate, propionate and butyrate for combatting rice blast. Patent	22248	groundnuts. 2273
3,426,135. 22515	SALIVA Pharmacologic properties of a slobber-inducing	SCOLIIDAE
Search for more rice.	mycotoxin from Rhizoctonia leguminicola.	The natural groups of Campsomeriella Beti 1941 (Hymenoptera Scoliidae).
Effects of lindane and carbaryl on insects, soil	SALIX	2225
and plant nitrogen, and grain yield of rice.	Isolation and some physiological properties of natural plant growth inhibitors.	SCOLYTIDAE Research on the sexual behavior of Pityoktein-
Occurrence of blue leaf-hopper Typhlocyba	22825	spinidens Rcit. (Colcoptera Scolytida polygamous) and a study of the factors that male
maculifrons Motsch on rice.	SALMONELLA Isolation of Salmonella from Northern Territory	the male more attractive to the female.
A study on changes in larval and pupal densities	cattle.	SCOLYTUS
of the rice stem borer, Chilo suppressalis Walker,	22789 SALMONELLA TYPHIMURIUM	Notes on the biology of the parasitic mi
in its first generation. 22534	Evidence for a methionine-controlled	Pycmotes scolyti Oud. (Acari: Pycmotidae). 2235
Control of submerged aquatic weeds in rice	homoserine dehydrogenase in Salmonella ty- phimurium.	SCOLYTUS RUGULOSUS
fields. 22604	22639	Further observations of the tolerance ar susceptibility of tea clones to shot-hole borer i
RINDERPEST	SALMONELLOSIS	festation.
A note on the application of the conglutinating	Studies on the problems associated with the ac- tivation of latent or inapparent salmonelloses by	SCORPIONIDA
complement absorption test for the detection of rinderpest antibodies.	means of vaccination as well as on the possibility of simultaneous vaccination against salmonello-	Culture of scorpion cells.
RING SPOT	sis and swine fever.	Evidence for the appearance of calcium
Effects of tomato ringspot virus on plant and fruit development of raspberries.	SALTS Effects of washing with saline solution and nor-	muscle fibers by the chlorating action of potass um and the toxin of scorpion venom (Andro tonus australis).
RODENTS 22500	mal bovine plasma on the infectivity of	2245
Effects and possibilities of using coumarin	Anaplasma marginale in erythrocytes. 22649	SCOURS Studies of pneumocnteritis in cattle.
preparations in rodent control.	SAMPLING (STATISTICS)	2263
On the question of latent virus infections in wild-	A standard yellow jacket trap for population sampling and control evaluation.	SCRAPIE Attempts to release the scrapic agent from tissue
living small mammals (insectivorcs and rodents). Second communication: Isolation of murine en-	SANITATION 22249	debris.
cephalomyelitis viruses.	The relation between the liver reserves of	SECRETION
ROOTS	vitamin A and some intestinal parasites in Dokki 4 chicks. (a). In chicks affected with cocal coc-	Feeding of horseflies (Tabanidae: Diptera) of plant juices.
Pototo cultivation and the root-lesion nematode of tea.	cidiosis.	2253
2255I	The relation between the liver reserves of	SEED DORMANCY Atmospheric fumigation of dormant and no
Rooting of grasses as affected by siduron. 22581	vitamin A and some intestinal parasites in Dokki 4 chicks. (b). In chicks infested with Ascaridia	dormant weed sced. 2256
Surfactant toxicity to plant tissues. 22806	gatli. 22758	Seed dormancy of Fumaria officinalis. 225
Production of ethylene by sweet potato roots in-	SAP	C02:02 ratios in relation to weed sccd germin
fected by black rot fungus.	Determination of the inhibition activity in the sap from potato leaves with regard to the X-virus	tion. 2282
Effect of sucrose, auxins and gibberellic acid on	by means of a serological method.	SEED GERMINATION Atmospheric fumigation of dormant and no
rooting of stem segemnts of Populus nigra under varying light conditions.	SAPONARIA VACCARIA	dormant wccd seed.
22818	Competition of cow cockle (Saponaria vaccaria L.) and linsced flax.	2256 Studies of the germination, growth and develo
Penetration and distribution studies in bean, cotton and barley from foliar and root applications	22555	ment of barnyardgrass.
of Tween 20-C14 (fatty acid and oxyethylene	SARCOPHAGIDAE Some new American Sarcophagidae (Diptera).	Phragmitae control in Dolaware, 1965
labeled). 22823	Some new American Sarcophagidae (Diptera).	Phragmites control in Dclaware, 1965.
ROSA	SCAB	The thin-layer effect and the herbicidal action
Comparison of three methods of extracting the flower thrips from rose flowers.	Some storage diseases of fruits.	3,4-dichlorobenzyl mcthylcarbamate.

Pasture cockchafer control interim revised con-

22540

Seed dormancy of Fumaria officinalis.

Rooting of grasses as affected by siduron.

22578

22581

22317

22588

Recent developments in the control of woody weeds in New Zealand.

SCARABAEIDAE

trol recommendation.

Effects of direct contact of pine seeds or young seedlings with commercial formulations, active ingredients, or inert ingredients of triazine herbicides.	Immunization of horses against African horse- sickness with attenuated neurotropic viral strains propagated in chicken embryos.	Sexual responses of adult male Acdes aegypti using the forced-copulation technique. 22347
Surfactant toxicity to plant tissues.	Experimental pasteurellosis: Comparative stu- dies on Pasteurella multocida from Asia, Africa,	Notes on the biology of the parasitic mite Pyemotes scolyti Oud. (Acari: Pyemotidae). 22352
22806 C02:02 ratios in relation to weed seed germina-	and North America. 22666	Research on the sexual behavior of Pityokteines spinidens Reit. (Coleoptera Scolytidae
tion. 22821	Hemagglutinine of the adenovirus 31.	polygamous) and a study of the factors that make the male more attractive to the female.
Effects of after-ripening and gibberellic acid on the thermoinduction of seed germination in Solanum melongena.	Encephalitis in horses in Hillsborough County, Florida, 1964.	22370 Dietary choline requirements for sperm motility and normal mating activity in Drosophila
22824	Anaplasma marginale infection in young and	melanogaster.
SEED PLANTING Competition of cow cockle (Saponaria vaccaria	aged cattle. 22673	SEX RATIOS
L.) and linseed flax.	A case of eperythrozoonosis suis and its dif- ferential diagnostic significance in relation to	A brood of Callidium texanum Schaeffer (Cerambycidae).
Wild buckwheat competition in flax. 22571	suspected swine fever. 22678	SHEEP 22468
SEEDLINGS	Isolation and characterization of bovine enteric	Rev. I Brucella melitensis vaccine. The stability of the degree of attenuation.
The effects of petroleum mulch and herbicides on lettuce.	viruses. 22688	22623
Weed control in seedling alfalfa.	Equine piroplasmosis: Indirect flourescent antibody test for Babesia caballi.	Foot-and-mouth disease.
22602	22689	Phalaris staggers need not be a bogey.
How serious is rabbit damage on loblolly pine seedlings.	Experimental paratuberculosis in sheep after oral, intratracheal, or intravenous inoculation:	22636 Experimentally induced bovine psoroptic acaria-
SEEDS 22616	Serologic and intradermal tests. 22697	sis in a rabbit.
Effect of methyl bromide treatments on several species of conifer seed.	Immunologic response of fowl to Mycoplasma gallisepticum and its relationship to latent infec-	Experimental paratuberculosis in sheep after oral, intratracheal, or intravenous inoculation:
22579	tion.	Histochemical localization of hydrolase activities.
SEMEN Fluorescent antibody studies of Vibrio fetus:	A note on the application of the conglutinating	22696
Staining characteristics in semen, preputial exudate, and pure culture.	complement absorption test for the detection of rinderpest antibodies.	Experimental paratuberculosis in sheep after oral, intratracheal, or intravenous inoculation: Serologic and intradermal tests.
SENECIO JACOBAEA	Fluorescent antibody studies of Vibrio fetus:	22697
Weeds and weed control. Ragwort, Senecio jacobaea, declared noxious weed.	Staining characteristics in semen, preputial exudate, and pure culture.	Experimental paratuberculosis in sheep after oral, intratracheal, or intravenous inoculation:
SENSE ORGANS 22609	Serological investigations concerning the in-	Histochemical localization of dehydrogenase activities.
Study on the permiability of the sensory organs of the appendages of the head in the larvae of Speophyes lucidulus (Delar.) (Coleoptera).	cidence of leptospiral infection among the per- sonnel employed in the care of animals in some zootechnical farms.	Entero-toxaemia of sheep and lambs.
22375	22735	Experimental contributions to the knowledge of
Preparation and characterization of a soluble	Ocular toxoplasmosis in cats.	dermatitis pustulosa of sheep. VII. Investigations into the processes in the low temperature com-
Anaplasma marginale antigen.	Blood transfusions during patent bovine anaplasmosis.	plement binding reaction with dermatitis pustu- losa antigen.
Antigenic variation in Vibrio cholerae resulting	22746	22715
from chromosomal transfer by conjugation. 22631 The fluorescent staining complement for the	SERUM NEUTRALIZATION TEST Isolation and experimental infection of calves with parainfluenza-3 virus.	Experimental contributions to the knowledge of dermatitis pustulosa of sheep. VI. The specificity of the complement binding reaction with
serodiagnosis of toxoplasmosis.	22626	dermatitis pustulosa antigen. 22716
A note on the application of the conglutinating complement absorption test for the detection of	SETARIA FABERII Atmospheric fumigation of dormant and non-dormant weed seed.	Experimental contributions to the knowledge of dermatitis pustulosa of sheep. V. Investigations
rinderpest antibodies.	22561	into the development of immunity to the virus of dermatitis pustulosa at various places of the sur-
Recent techniques for the serodiagnosis of	C02:02 ratios in relation to weed seed germination.	face of the body.
human and animal hydatidosis. III. Evidence of indirect hemagglutination (HA1).	SETARIA LUTESCENS Atmospheric funication of dormant and non	Experimental contributions to the knowledge of dermatitis pustulosa of sheep. IV.0CULTIVAT-
EROLOGICAL TESTS	Atmospheric fumigation of dormant and non- dormant weed seed.	ING the dermatitis pustulosa virus in a tissue culture.
St. Louis encephalitis in Mcleansboro, Illinois, 1964.	22561 C02:02 ratios in relation to weed seed germina-	22718 Experimental contributions to the knowledge of
Determination of the inhibition activity in the	tion. 22821	dermatitis pustulosa of sheep.II.0THE behavior
sap from potato leaves with regard to the X-virus by means of a serological method.	SETARIA VIRIDIS C02:02 ratios in relation to weed seed germina-	of the complement fixation and of the infectious antigen at various pH levels. 22719
Rev. I Brucella melitensis vaccine. Serological	tion. 22821	Experimental contributions to the knowledge of dermatitis pustulosa of sheep. I.Experiments
reactions in Maltese goats.	SEX ATTRACTANTS	concerning the purification of the dermatitis
Pathogenesis of three strains of Brucella suis in swine.	Research on the sexual behavior of Pityokteines spinidens Reit. (Coleoptera Scolytidae polygamous) and a study of the factors that make	pustulosa virus and the isolation of the comple- ment fixation antigen from the elementary bodies.
22651 Serological response of pigs to infection with	the male more attractive to the female.	22720 Reactions of sheep to cell-culture-modified foot-
Mycoplasma. Demonstration of growth and	SEX BEHAVIOR	and-mouth disease virus.
metabolism-inhibiting antibodies in sera of pigs inoculated intranasally with Mycoplasma hyorhinis. II.	A new Photinus firefly, with notes on mating behavior and a possible case of character dis- placement (Coleoptera: Lampyridae).	Study of sheeppox virus synthesis by fluorescent antibody technique.
12661	placement (Colcoptera: Lampyridae).	annova, cominque.

SUBJECT INDEX

SHEEPPOX VIRUS

Standardized chemotherapeutical tests for im- SKIN TESTS

Standardized chemotherapeutical tests for immature and mature Fasciola hepatica infections in sheep. 22759	SKIN TESTS Investigations concerning the immunobiological diagnosis of helminthiasis by means of simultaneous intradermal tests with several different	SOIL PROFILES The thin-layer effect and the herbicidal action of 3,4-dichlorobenzyl methylcarbamate. 22573
Active immunity against Trichostrongylus axei in sheep and rabbits.	parasite antigens.	C02:02 ratios in relation to weed seed germina-
22774	SLAUGHTERHOUSES	tion. 22821
SHEEPPOX VIRUS Study of sheeppox virus synthesis by fluorescent	Isolation of Salmonella from Northern Territory cattle.	SOIL SAMPLING Bioassay evaluation of depth distribution of in-
antibody technique.	SMUT (BARLEY)	corporated soybean preemergence herbicides. 22605
SIDURON Rooting of grasses as affected by siduron.	Varietal resistance of winter barley to loose smut of barley (Ustilago nuda (Jens.) Rostr.).	SOIL SANITATION Weed control in established alfalfa with soil-ap-
SILVICIDES 22581	SNAILS 22493	plied herbicides.
New injection system for killing or curing trees. 22488	The uptake of Strontium 90 by Chironomus varus.	Termite control measures in building construc- tion.
SIMAZINE	22416	22785
Weed control in established alfalfa with soil-applied herbicides.	SOCIAL INSECTS Contributions to the biology of the bumble bee.	Herbicide persistence with different incorpora- tors.
22556	The dance of the bees	22827
Use of Bipyridyl and Triazine herbicides in rasp- berries.	The dance of the bees.	SOIL SERIES Influence of soil type on the tolerance of sugar-
Control of woods in mains fields a serious	Ants- ancient city dwellers.	cane to fenac.
Control of weeds in maize fieldsa review, 22572	The ergonomics of caste in the social insects.	Herbicide combinations.
Results of pre-emergent aquatic herbicides in Il-	22473	22614
linois,	SODIUM ARSENITE	SOIL SURVEYS
22574	Environmental control at Boston-Logan Interna- tional Airport.	Survival of infective larvae of the cattle ne- matodes, Cooperia punctata, Trichostrongylus
Effects of direct contact of pine seeds or young seedlings with commercial formulations, active	22563	axei, and Oesophagostomum radiatum.
ingredients, or inert ingredients of triazine herbi-	SODIUM CARBONATE	22782
cides.	Skin necroses in pigs caused by GR virex.	SOIL TEMPERATURE The effects of petroleum mulch and herbicides
22582	SOIL ADSORPTION	on lettuce.
Incorporation of herbícides in mulches. 22584	SOIL ADSORPTION The thin-layer effect and the herbicidal action of	22554
Some changes in weed species in response to control methods and chemicals in Hawaii.	3,4-dichlorobenzyl methylcarbamate. 22573	SOIL TEXTURE Penetration and accumulation of fenuron in
Weed control in young peach orchards.	SOIL ANALYSIS Technique to study the movement of CDAA	forest soils. 22796
22601	from a granule into soil. 22597	SOIL WILTING COEFFICIENT Factors affecting the activity of diallate.
Dodder:Potential research tool.	SOIL CONTAMINATION	22558
Partitioning and distribution of herbicides in spinach chloroplasts.	Environmental variables and weed control with pyrazon in sugar beets.	SOILS The knowledge of the interdependence between soil pests, weeds, and their control measures.
22815	Adapting chemical weed control programs to	22487
Partitioning and distribution of herbicides in spinach chloroplasts.	meet orchard conditions.	Effects of soil applied trifluralin on fish produc- tion in pools.
22816	Herbicide combinations.	22791
Morphology of the black fly Prosimulium frohnei	22614 Persistence of herbicides in ponded water and	SOLANACEAE Horsenettle cyst nematode, Heterodera virginiae
Sommerman (Dipt. Simuliidae).	soils. 22790	n. sp., a parasite of solanaceous plants.
Investigations into the circumpolar blackfly fauna (fam. Simuliidae, Dipt.).	Persistance of trifluralin in soil.	SORE MOUTH Experimental contributions to the knowledge of
22368	SOIL FUMIGATION	dermatitis pustulosa of sheep. VII. Investigations into the processes in the low temperature com-
A note on the oviposition of Simulium (S.) ab- gyreatum Meigen.	Atmospheric fumigation of dormant and non- dormant weed seed.	plement binding reaction with dermatitis pustu- losa antigen.
SIMULIUM VITTATUM	22561	22715
Progress report on laboratory rearing of black flies (Diptera: Simuliidae).	SOIL FUNGI Influence of some aminotriazine herbicides on	Experimental contributions to the knowledge of dermatitis pustulosa of sheep. VI. The specificity
22391	some soil fungi.	of the complement binding reaction with dermatitis pustulosa antigen.
SITOPHILUS ORYZAE	SOIL LEACHING	22716
The influence of certain factors on the fecundity of Sitophilus oryzae (L.).	Environmental variables and weed control with pyrazon in sugar beets.	Experimental contributions to the knowledge of dermatitis pustulosa of sheep. V. Investigations
SKIN	22591	into the development of immunity to the virus of dermatitis pustulosa at various places of the sur-
Experimental contributions to the knowledge of dermatitis pustulosa of sheep. V. Investigations	SOIL MICROORGANISMS On sampling and extracting technique for soil	face of the body.
into the development of immunity to the virus of	micro-arthropods. 22621	Experimental contributions to the knowledge of
dermatitis pustulosa at various places of the surface of the body.	SOIL MOISTURE	dermatitis pustulosa of sheep. IV.0CULTIVAT- ING the dermatitis pustulosa virus in a tissue cul-
Skin necroses in pigs caused by GR virex.	Factors affecting the activity of diallate. 22558	ture. 22718
22736	Studies of the germination, growth and develop-	Experimental contributions to the knowledge of
Methyl parathion adsorbed on the skin and blood	ment of barnyardgrass. 22565	dermatitis pustulosa of sheep.11.0THE behavior
cholinesterase levels of persons checking cotton treated with ultralow-volume sprays.	SOIL ORGANIC MATTER	of the complement fixation and of the infectious antigen at various pH levels.
22795	Factors affecting the activity of diallate.	22719
SKIN DISEASES	22558	Experimental contributions to the knowledge of
Besnoitiosis and other skin diseases of cattle (Bos indicus) in Uganda.	Environmental variables and weed control with pyrazon in sugar beets.	dermatitis pustulosa of sheep. l.Experiments concerning the purification of the dermatitis
22637	22591	pustulosa virus and the isolation of the comple-

SUBJECT INDEX

SURFACE-ACTIVE AGENTS

ment fixation antigen from the elementa bodies.	Cham.) with picloram.	brachyurus infestation on stored potatoes.
SORGHUM Persistance of trifluralin in soil. 227	Some changes in weed species in response control methods and chemicals in Hawaii. 226	Fumigants in India.
SOYBEANS Control of rcd spider mite on soya bean.	Methyl parathion adsorbed on the skin and blocholinesterase levels of persons checking cotton	
225		Mites as house vermin and storage pests in
Phragmites control in Delaware, 1965.	2279	northwest Germany.
225		22787
Bioassay evaluation of depth distribution of	in- New equipment developed by the Corps of E	n- STRAWBERRIES
corporated soybean preemergence herbicides.	gineers for use in aquatic weed control.	Fruit diseases in Illinois in 1967.
226	03	22509
Surfactant toxicity to plant tissues.	STAINING	STREPTOCOCCUS AGALACTIAE
228	A staining technique for jack-pine budworm emasses.	Experimental Streptococcus agalactiae mastitis
Interactions between atrazine residue and fo	ur 224	in cattle: Attempts to superimpose the organism
herbicides: Amiben, CDAA, linuron, and trif	u- STAPHYLINIDAE	in lactating glands harboring unrelated bacterial
ralin.	T DESTRUCTION	infections and in glands with experimentally in-
	Stenus glacialis Heer (Staphylinidae).	duced sterile inflammation.
SPERMATOCYTES	2221	20
Multiple core complexes in grasshopper sp	STAPHYLOCOCCUS	STREPTOMYCIN
matocytes and spermatids.	78 Immunisation with staphylococcal cell wa	ls Effect of antibiotic therapy on experimental lep- tospirosis infection and development of acquired
SPERMATOZOA	against mastitis.	resistance in quinea pigs
Dietary choline requirements for sperm motil	2272	22669
and normal mating activity in Drosoph	STAPHYLOCOCCUS AUREUS	STRIDIII ATION
melanogaster.	Studies on staphylococcosis in chickens.	Sound-production in Netherland Lycaenidae
223	Pathogenicity of staphylococcus aureus	of 22388
Unusual microtubular patterns and three-dime	chicken origin for various experimental animals	
sional movement of mealybug sperm and spe-	·m	The uptake of Strontium 90 by Chironomus
bundles.	Dacklama in plant authology and automala	vaeus
224	Problems in plant pathology and entomological field trials.	22416
SPHECIDAE	2252	4 STYLOPIDAE
Hymenoptera from Turkey. Sphecidae, I.	CTEM DOT	Elenchus tenuicornis (Kirby) (Coleoptera, Stylo-
222	Botrytis stem rot. How to control it.	poidea, Stylopidae) in Cheshire.
Contribution to the knowledge of the Borne	an 2250	22254
Psenini (Hymenoptera, Sphecidae).	CTEDII ITV	SUCROSE
222	Disrupted fertility of the hidebeetle Dermest	Effect of sucrose, auxins and gibberellic acid on
SPHINGIDAE	maculatus (Deg.) due to dietary overdose	f rooting of stem segements of Populus nigra under
Two new African sub-species of Sphingid	ae biotin.	varying light conditions.
(Lep. Sphingidae).	2237	Z
	STERILIZATION	SUGAR BEETS Environmental variables and weed control with
Contribution to the history of the discovery of sect hormones.	The stermeng action of paratifion on the ovari	nurazan in cuane hoate
224	of quail and chicken embryos in in vitro culture	22501
Observations on the larva of Hippotion celer		SUGARCANE
Linnaeus (Lepid., Sphingidae) in Tanzania.	STIMULANTS A feeding stimulant for pink bollworm larvae	Forly detection of infection of suppresses by
224	water extracts of cotton.	ratoonstunting disease (RSD).
SPIDERS	2243	4 22502
Tapinesthis inermis, a new Oonopid for Germa		Further studies on mosaic disease of maize (Zea
(Arachnida, Araneae, Oonopidae).	taneous firing rates of insect neurons.	mays L.).
222	2245	22512
Taxonomy and biology of Trithyreus brasilien	Flavianic acid as a hatching and stimulating	Influence of soil type on the tolerance of sugar-
n. sp. (Arach., Pedipalpi, Schizopeltidia).	agent for Heterodera rostochiensis cysts.	cane to fenac.
222	2254	
SPINACH	STOLBUR	SUGARS
Partitioning and distribution of herbicides	On the presence of mycopiasitia-like particles	
spinach chloroplasts.	the inner bark of plants damaged by diseases	
Partitioning and distribution of herbicides	the yellow type (Aster Tellow, Fifyilody	01
spinach chloroplasts.	in clover, Stolbur of tomatoes) and on the relation ship of these particles to the ones found in vari	
228		bactericides. Patent 3,426,138.
SPLEEN	2250	
Effects of estrogens upon Anaplasma margina	le STOMATITIS	SULFUR DIOXIDE
infection in splenectomized cattle.	Differential diagnosis of bovinc stomatitis of vir	The influence of volatile 2,4-D upon zinnias,
226		snapdragons, and other bedding plants as af-
SPODOPTERA FRUGIPERDA	2268	
Populations of fall armyworm, corn earworn		22822
and sugarcane borer on St. Croix, U.S. Virg Islands.	in A device for immobilizing insects with coole air.	d SUPERPHOSPHATES Effects of hoeing-weeding-cum-manuring on the
224		
SPORES	Fine structure of the tip of chemosensitive hai	2004
Toxicity of bacterial spores to fly and mosqui		SURFACE-ACTIVE AGENTS
larvae.	2245	
224:		seedbeds.
SPRAYING	A dry icc-baited trap for the collection and field	d 22599
Control peach leaf curl.	storage of hematophagous Diptera.	Surfactant toxicity to plant tissues.
225		
Environmental control at Boston-Logan Intern		Translocation of herbicides in American pond-
tional Airport.	Some storage diseases of fruits.	weed (Potamogeton nodosus Poir.).
Clabban and amount of the		
Clobber - post-emergence weed killer.	Insects cost us money.	Penetration and distribution studies in bean, cot-
2256	7 2278	6 ton and barley from foliar and root applications

22757

of Tween 20-C14 (fatty acid and oxyethylene labeled).	On immunoprecipitation in swine plague.	Feeding of horseflies (Tabanidae: Diptera) on
22823	22665 Critical considerations on the diagnostic useful-	plant juices. 22538
SURVEYS	ness of the END method for the in vitro detec-	TABANUS
A new species of crane fly from Ghana (Diptera, Tipulidae).	tion of the hog cholera.	On the taxonomy and distribution of the Europe-
22253	A case of eperythrozoonosis suis and its dif-	an and Middle-East species of the Tabanus bovinus-group (Diptera, Tabanidae).
Chelifera aperticauda Collin (Dipt., Empididae	ferential diagnostic significance in relation to	22315
in Kent with notes on other Empids.	suspected swine fever.	TABANUS LINEOLA
Some new American Sarcophagidae (Diptera).	Pigurand (Amurumthus material access A	Toxicity of selected insecticides against adult striped horse flies in laboratory tests.
22269	Pigweed (Amaranthus retroflexus): An oxalate- containing plant.	22472
Recent Hemiptera of the Canary Islands.	22690	TABLES (DATA)
22277	Studies on the development of a live vaccine	Seasonal succession of bloodsucking Diptera in Wisconsin during 1965.
Initial survey of arthropod predators of the European red mite in south-central Pennsylvania.	against equine rhinopneumonitis (abortion of mares).	22245
22282	22692	Contributions to the biology of the humble bee.
The identity of Brachypterolus linariae	Interferon production with strain SF-4 of parain-	22387
(Stephens) (Col., Nitidulidae), with notes on its	fluenza-3 virus.	Calculating the grade of effectiveness of a microbiological control action against insect
occurrence in Britain.	Electron microscopic studies on the lymph node	pests.
Contribution to the knowledge of the Bornean	of the pig.	22395
Psenini (Hymenoptera, Sphecidae).	22722	The effects of experimental microascaridic infec- tions by Asearis suum in guinea pigs subjected to
22299	Further studies on the Erysipelothrix insidiosa tube agglutination test.	total body X- irradiation LD 50/30.
A new Photinus firefly, with notes on mating behavior and a possible ease of character dis-	22726	22761
placement (Coleoptera: Lampyridae).	Skin necroses in pigs caused by GR virex.	TACHINIDAE A review of the tribe Rutiliini (Diptera: Tachin-
22300	22736	idae) I. Genera other than Rutilia Robineau-
Abyssal Halacaridae (Acari) from the southeast Pacific.	Clinical and pathological aspects of hog cholera	Desvoidy and Formosia Guerin-Meneville.
22312	in grieving physically sub-standard pigs.	Notes on three energies of April (Diet T. Li
Notes on the genera Cosmophorus and Orgilus in	Studies on the problems associated with the ac-	Notes on three species of Actia (Dipt., Tachinidae), parasites of Oak-feeding eaterpillars.
Japan with description of a new species	tivation of latent or inapparent salmonelloses by	22371
(Hymenoptera, Braconidae).	means of vaccination as well as on the possibility of simultaneous vaccination against salmonello-	TAXONOMY
Populations of fall armyworm, corn earworm,	sis and swine fever.	Abnormal individuals and taxonomic errors (Hymenopt.).
and sugareane borer on St. Croix, U.S. Virgin	22747	22257
Islands.	Routes of elimination of Erysipelothrix insidiosa from infected swine.	Lectotype designations of Cerambycidae in the
A preliminary report on the breeding sites and	22749	Museum d' Histoire Naturelle, Paris (Coleoptera).
incidence of Aedes in Delhi.	Electron microscopic studies on vesicular ex-	22264
22484	anthema of swine virus: Intracytoplasmic viral	Faunistic news (Lep. Oecophoridae and Tor-
Fruit diseases in Illinois in 1967.	crystal formation in cultured pig kidney cells. 22751	tricidae).
Problems in plant pathology and entomology	Round worms in pigs.	A new Tortricida from central Europe (Lep.
field trials.	22773	Tortricidae).
22524	The location of the parasites in muscle cysticer- cosis.	Two name African such associates of Schrick
Summary of insect and mite incidence on fruit in 1967.	22776	Two new African sub-species of Sphingidae (Lep. Sphingidae).
22533	Hematologie ehanges and elinical signs of	22292
Besnoitiosis and other skin diseases of eattle	trichinosis in pigs.	A new European species of Lysiphlebus (Hym.
(Bos indicus) in Uganda.	Comparative evidence with dichlorvos and	Aphididae).
Hydatids limitation programmetesting results.	derivatives of piperazine in the Ascaridosis of the	Two new and economically significant
22732	pig.	Chloropidae, with the description of a new genus
Ticks (Ixodoidea) of domestic animals in Iraq;	SWINE PLAGUE	(Diptera). 22326
spring and early summer infestations in the Liwas of Baghdad, Kut, Amara, and Basra.	On immunoprecipitation in swine plague.	= Euryeolpus enslini n. sp., a new species of Phylini
22755	22665	DGL. SC. from southern Turkey (Heteroptera Miridae).
SWEDEN	SYNTHESIS	Miridae).
Insect catalogs of Sweden. XVIII. Coleoptera, 1960.	Studies on the site of replication of vesicular sto- matitis virus.	Investigations concerning gall gnats. VI. The
22302	22648	justification of the genus Nouryodiplosis Tavares 1929.
SWEET POTATOES	Replication of infectious laryngotracheitis virus	22332
Production of ethylene by sweet potato roots in-	in chicken kidney cell eulture.	A review of North American Ardeicola (Mal-
fected by black rot fungus.	Study of sheeppox virus synthesis by fluorescent	lophaga: Philopteridae).
SWINE	antibody technique.	A new contribution to the taxonomy of the genus
Primary lesions in cardiac ganglia of the pig after	SVDINGA 22743	Sthenarus Fieber and Psallus Fieber(Hem. Het.
Herpesvirus suis infection.	SYRINGA Evaluation of topically applied dimethoate for	Miridae). 22341
Tissue culture hog cholera vaccine. Patent	control of lilae leaf miner.	New records of two Curculionid beetles in North
3,422,188.	22470	Carolina.
22638	T, 2,4,5- Recent developments in the control of woody	22344
Pathogenesis of three strains of Brucella suis in swine.	weeds in New Zealand.	Horsenettle cyst nematode, Heterodera virginiae n. sp., a parasite of solanaceous plants.
22651	22588	22550
Serological response of pigs to infection with	Chemical control of Alhagi camelorum.	The situation of the African swine fever virus in
Myeoplasma. Demonstration of growth and metabolism-inhibiting antibodies in sera of pigs	TABANIDAE 22589	viral systematics. 22687
inoculated intranasally with Mycoplasma hyor-	Seasonal abundance of Tabanidae at Mazabuka,	Parasitic nematodes of birds of the order Colym-
hinis. II.	Zamhia.	biformes in Czechoslovakia.

22265

TEA Insects and mites on tea in Africa and adjacent	TERBUTOL Azak - a new crabgrass herbicide.	Tissue culture hog cholera vaccine. Patent 3,422,188.
islands.	22590	22638
Further observations of the tolerance and	TERMITE-PROOFING Termite control measures in building construc-	Studies on the site of replication of vesicular sto- matitis virus.
susceptibility of tea clones to shot-hole borer in- festation.	tion. 22785	Effects of chronic residence on size and size dis-
Pototo cultivation and the root-lesion nematode	TERMITES A revision of the Tertiary fossil species of the Kalotermitidae (Isoptera).	trihution of plaques of type A foot-and-mouth disease virus in primary calf kidney cell cultures. 22652
of tea. 22551	22270	Histochemical and electron microscopic studies
Investigations with paraquat (Gramoxone) as a herbicide for weed control in low-grown tea.	Responses of termites (Insecta: Isoptera) to gravity.	of dog kidney cells in the carly stages of infection with infectious canine hepatitis virus.
TEACHING 22613	TETRANYCHIDAE	Effect of different species of Trichomonads on
Entomology and entomologists.	Control of red spider mite on soya bean.	monkey kidney cell cultures.
22306	TETPANYCHUS NEOCALEDONICUS	22680 Replication of infectious largescent choicing given
FELFAIRIA PEDATA Further observations on the biology of the oyster nut shield bug (Piezosternum calidum Fab.).	TETRANYCHUS NEOCALEDONICUS Contribution to the morphological and biological study of Tetranychus neocaledonicus Andre	Replication of infectious laryngotracheitis virus in chicken kidney cell culture. 22691
TEMPERATURE 22402	1933 (AcarinaTetranychidae) cotton red- spider in Madagascar.	Effect of toxin in bovine mycoplasmal mastitis. 22700
Seasonal abundance of Tabanidae at Mazabuka,	TETRANYCHUS URTICAE	Susceptibility of tissue culture cells to foot-and-
Zambia. 22265	Systemic insecticides evaluated for two-spotted	mouth disease virus: Concentration of bovine serum in culture medium.
The regulation of cyclic reproductive and feed- ing activity in the milkweed bug Oncopeltus by	mite control on greenhouse cucumbers.	22702
temperature and photoperiod.	TETTIGONIIDAE	Susceptibility of cultured mammalian cells to in- fection with virulent and modified hog cholera
22364	An index-catalogue of African Phaneropterinae (Orthoptera: Tettigoniidae).	viruses.
To the methods of studying the environmental temperature of the tick Ixodes ricinus L.	22323	22704 Interferon production with strain SF-4 of parain-
22381	THIAZOLYL)-BENZIMIDIZOLE, 2-(4- Controlled test of anthelmintic activity of	fluenza-3 virus.
The influence of certain factors on the fecundity of Sitophilus oryzae (L.).	trichlorfon and thiabendazole in lambs, with ob-	Experimental contributions to the knowledge of
22394	servations on Oestrus ovis.	dermatitis pustulosa of shecp. IV.0CULTIVAT-
Changes in the population of Cecidomyiidae. 22398	THRIPIDAE Comparison of three methods of extracting the	ING the dermatitis pustulosa virus in a tissue culture.
Acclimatization of insects to low temperatures. 22454	Comparison of three methods of extracting the flower thrips from rose flowers.	22718 Reactions of sheep to cell-culture-modified foot-
Effect of temperature and humidity on the	Chirothrips tuttlei n. sp. an isolated fringe-	and-mouth disease virus.
susceptibility of bedbugs to insecticides.	winged insect from Arizona, U. S. A. (Ins., Thysanoptera, Thripidae).	Physico-chemical properties of avian reovirus
Botrytis stem rot. How to control it.	22333	and its nucleic acid.
22506 Studies of the germination, growth and develop-	THYSANOPTERA Initial survey of arthropod predators of the Eu-	Some studies on pigeon pox virus in tissue cul-
ment of barnyardgrass.	ropean red mite in south-central Pennsylvania.	ture. 22729
22565	THYSANURA 22282	Study of sheeppox virus synthesis by fluorescent
A case of eperythrozoonosis suis and its dif- ferential diagnostic significance in relation to	Thysanura in Caernarvonshire.	antibody technique. 22743
suspected swine fever. 22678	TICK PARALYSIS 22307	Electron microscopic studies on vesicular ex-
Influence of temperature on the toxicity of dif- ferent isolates of Aspergillus wentii Wehm.	Tick paralysis in California livestock. 22754	anthema of swine virus: Intracytoplasmic viral crystal formation in cultured pig kidney cells. 22751
22709	TILLAGE Control of nutgrass weed by cultivation.	TISSUES
Experimental contributions to the knowledge of dermatitis pustulosa of sheep. VII. Investigations	22607	Attempts to release the scrapie agent from tissue debris.
into the processes in the low temperature com- plement binding reaction with dermatitis pustu-	TIME Toxicity of selected insecticides against adult	22670
losa antigen.	striped horse flies in laboratory tests. 22472	Surfactant toxicity to plant tissues.
Experimental infectious canine hepatitis. V. The	Some notes on the short-term and long-term	TOBACCO
effect of reticulo-endothelial blockade.	economics of pest control.	Late-season feeding and emergence of the tobac- co flea beetle.
Effect of temperature and cultural methods on	TIPULIDAE	22386
development of the free-living stages of Trichos- trongylus colubriformis.	A new species of crane fly from Ghana (Diptera, Tipulidae).	Some observations on vectors and transmission of tobacco etch virus.
22781	22253	22495
The influence of rooted aquatic plants on the dissolved oxygen content of water.	TISSUE CULTURE The sterilizing action of parathion on the ovaries of quail and chicken embryos in in vitro culture.	A virus of tabacco rattle group naturally occurring in Plantago sp. in tczechoslovakia.
Interactions between atrazine residue and four	22424	Impatiens parviflora DC A natural host of
herbicides: Amiben, CDAA, linuron, and trifluralin.	Culture of scorpion cells. 22436	cabbage black ringspot and cucumber mosaic viruses.
22810	Further development of the second generation of	22508 Control of Orohanche under natural and artific
C02:02 ratios in relation to weed seed germination.	Eimeria tenella merozoites in tissue cultures. 22629	Control of Orobanche under natural and artificially infested conditions.
22821	Comparative potency tests on modified live-virus	22583
Effects of after-ripening and gibhercllic acid on the thermoinduction of seed germination in	rabies vaccine produced from Flury high egg- passage virus grown on permanent dog kidney	TOMATOES Botrytis stem rot. How to control it.
Solanum melongena. 22824	cell line. 22634	22506
TENTHREDINIDAE	Cytopathologic changes and development of in-	TONGUE Electron-microscopic findings in the lingual mu-
The small gooseberry sawfly (Pristiphora pallipes Lep.), a little-known pest of gooseberries.	clusion bodies in cultured cells infected with bluctongue virus.	cosa of healthy and foot-and-mouth diseased cat- tle.

Cytopathologic changes and development of inclusion bodies in cultured cells infected with bluctongue virus.

22635

TENTHREDINIDAE
The small gooseberry sawfly (Pristiphora pallipes Lep.), a little-known pest of gooseberries.

SUBJECT INDEX

TOPOGRAPHY

TOPOGRAPHY Collecting in Turkey 1959, 1960, 1962.	Triazines. Patent 3,423,409.	TRIOLEIN Determination of the suitability of a microdoser
TORTRICIDAE Foundation and Conference and Tort	Investigation of the helminthofauna of beasts of	for topical application of insecticides to the Colorado potato beetle.
Faunistic news (Lep. Oecophoridae and Tor tricidae).	22779	TROGODERMA ANGUSTUM
A new Tortricida from central Europe (1.ep	TRICHINELLA SPIRALIS	Trogoderma angustum SOL. in Germany (Col., Dermestidae).
Tortricidae).	diagnosis of helminthiasis by means of simultane-	22308
The morphological basis of embryonic move	Farante arrigerin	TROGODERMA GRANARIUM Mass breeding of the khapra beetle.
ments in the light brown apple moth, Epiphya postvittana (Walk.) (Lepidoptera: Tortricidae).	Hematologic changes and clinical signs of	TRYPANOSOMA RANGELI
TOXAPHENE Antifeeding effect of DDT on bollworm and	trichinosis in pigs.	New observation concerning the pathogenic action of Trypanosoma rangeli Tejera, 1920 on
tobacco budworm larvae.	TRICHINOSIS	Rhodnius prolixus Stal, 1859.
Setting up a method for control of clover weevils	trichinosis in pigs.	TURF Important weeds of turf areas in North Central
TOXICITY 2251	TRICIILORFON	States. 22562
Control of the action of chemical molluscicide on zoophytic associations in fresh water.	Cial diet against larvae of sugar-cane borer	Azak - a new crabgrass herbicide.
TOXICOLOGY 22798	22411	TURKEYS
Azak - a new crahgrass herhicide.	Controlled test of anthelmintic activity of trichlorfon and thiabendazole in lambs, with observations on Oestrus ovis.	Experimental transmission of bovine mycoplasma in calves and turkeys.
Use of hormone weedkillers near vineyards. 22610	TRICHLOROACETIC ACID	Further studies on the Erysipelothrix insidiosa
Pigweed (Amaranthus retroflexus): An oxalate containing plant.	Environmental variables and weed control with	tube agglutination test. 22726
22690	22591	ULEX EUROPAEUS Recent developments in the control of woody
Influence of temperature on the toxicity of dif- ferent isolates of Aspergillus wentii Wehm.	TRICIILURUBENZUIC ACID, 2,3,6-	weeds in New Zealand.
2270 Methyl parathion adsorbed on the skin and blood	22830	ULMUS ALATA
cholinesterase levels of persons checking cotton treated with ultralow-volume sprays.	2-Trichloromethylbenzoxazole as a herbicide.	The woody plant nurserya useful tool for evaluation of herbicides.
Action of DDT on the peripheral nervous system	22575	A new small multiple tree technique for assessing
of the grass frog Rana pipiens.	TRICIIOMONAS	the effects of herbicides on woody plants.
Investigation of the toxicity of fungicidal aerosol	monkey kidney cell cultures.	UREA
to late blight (Phytophtora infestans (Mont.)do Bary) under laboratory conditions.	TRICHOPLUSIA NI	Aerial spraying boosts jute output. 22486
On reproduction studies and the occurrence o		URIDINE Sites of incorporation of tritium uridine in the
cataracts in rats after long-term feeding of the in	22408	parenchyma cells of healthy leaves and leaves in-
secticide heptachlor.	Effect of the leve form of tetramisore on oster	fected with yellow mosaic turnip virus, of Brassica chinesis.
TOXINS Effect of toxin in bovine mycoplasmal mastitis.	tagia, Trichostrongylus, and Cooperia in cattle.	USTILAGO NUDA
22700	Active initiality against Theilostrongylus axer in	Varietal resistance of winter barley to loose smut
Influence of temperature on the toxicity of dif- ferent isolates of Aspergillus wentii Wehm.	22774	of barley (Ustilago nuda (Jens.) Rostr.). 22493
TOXOPLASMOSIS 22709	Effect of temperature and cultural methods on development of the free-living stages of Trichos-	UTERUS Uterine infection in bovine paratuherculosis.
The fluorescent staining complement for the serodiagnosis of toxoplasmosis.	trongylus colubriformis.	22677
22679		VACCINES Rev. I Brucella melitensis vaccine. The stability
Ocular toxoplasmosis in cats.	matodes, Cooperia punctata, Trichostrongylus axei, and Oesophagostomum radiatum.	of the degree of attenuation.
TRAPS	22782	Rev. 1 Brucella melitensis vaccine. Serological
A dry ice-baited trap for the collection and field storage of hematophagous Diptera.	The effects of petroleum mulch and herbicides	reactions in Maltese goats. 22624
Seasonal succession of bloodsucking Diptera in	on lettuce.	Rabies vaccine and process for preparation thereof. Patent 3,423,505.
Wisconsin during 1965.	Bioassay evaluation of depth distribution of in-	22646
TREE CONTROL	corporated soybean preemergence herbicides. 22605	Manufacture of a live canine hepatitis vaccine. 22672
New injection system for killing or curing trees. 22488 The woody plant nurserya useful tool for	tion in pools.	Studies on the development of a live vaccine against equine rhinopneumonitis (abortion of
evaluation of herbicides.	Description on of tailfored in in soil	mares). 22692
TREE DISEASES	22793	VAPORS Factors affecting the activity of diallate
Virus tested deciduous fruit trees.	Dodder:Potential research tool.	Factors affecting the activity of diallate. 22558
TREES	Interactions between atrazine residue and four herbicides: Amihen, CDAA, linuron, and triflu-	VEGETABLES The thin-layer effect and the herbicidal action of
Red mite control in Hawke's Bay orchards.		3,4-dichlorohenzyl methylcarbamate.

70

tors.

22593

Herhicide persistence with different incorpora-

VENOMS

22827

Evidence for the appearance of calcium in muscle fibers by the chlorating action of potassi-

TRIAZINES
Influence of some aminotriazine herbicides on some soil fungi.

		W113 60111101
um and the toxin of scorpion venom (Androctonus australis).	Comparative fluorescence-immunological and cytopathological studies with various virus strains of the mucosal disease of cattle.	Studies on the infection of cucumber mosaic virus, III. Time of the infection after inoculation with whole virus or with viral nucleic acid.
VERMINOUS BRONCHITIS	22676	22498
The number of Aelurostrongylus abstruses larvae required to produce pulmonary disease in the	Isolation and identification of a further new bovine herpes virus.	Effects of tomato ringspot virus on plant and fruit development of raspberries.
cat. 22763	22683	22500 Furly detection of infaction of sugarages by
VEROMESSOR LOBOGNATHUS	Pseudocowpox in Germany.	Early detection of infection of sugarcane by rationstunting disease (RSD).
Veromessor lobognathus: Fourth note	The infection spectrum of the stomatitis papu-	22502
(Hymenoptera: Formicidae).	losa virus.	Determination of the inhibition activity in the sap from potato leaves with regard to the X-virus
VERTEBRATES	Differential diagnosis of bovine stomatitis of viral	by means of a scrological method.
Contributions to the biology of the bumble bee.	origin.	22503
22387	22686	Impations parviflora DCA natural host of cabbage black ringspot and cucumber mosaic
VESICULAR EXANTIIEMA VIRUS (SWINE)	Studies on the development of a live vaccine against equine rhinopneumonitis (abortion of	viruses.
Electron microscopic studies on vesicular ex- anthema of swine virus: Intracytoplasmic viral	mares).	22508 Further studies on mosaic disease of maize (Zea
crystal formation in cultured pig kidney cells.	22692	mays L.).
22751	Investigations on an avian adenovirus.	22512
VESICULAR STOMATITIS VIRUS Studies on the site of replication of vesicular sto-	Method of combatting herpes virus with 5-	Virus like particles in Ficus clastica Roxb. 22513
matitis virus.	nitrouracil. Patent 3,423,508.	VIRUS X (POTATOES)
22648	Experimental contributions to the knowledge of	Determination of the inhibition activity in the
VESPIDAE A standard yellow jacket trap for population	dermatitis pustulosa of sheep. VII. Investigations	sap from potato leaves with regard to the X-virus by means of a serological method.
sampling and control evaluation.	into the processes in the low temperature com- plement binding reaction with dermatitis pustu-	22503
22249	losa antigen.	VIRUSES The evolution of resistance in hosts and pests.
VIBRIO Antigenic variation in Vibrio cholerae resulting	22715	22497
from chromosomal transfer by conjugation.	Experimental contributions to the knowledge of dermatitis pustulosa of sheep. VI. The specificity	The situation of the African swine fever virus in
22631	of the complement binding reaction with	viral systematics.
Fluorescent antibody studies of Vibrio fetus: Staining characteristics in semen, preputial exu-	dermatitis pustulosa antigen.	VITAMIN A
date, and pure culture.	Experimental contributions to the knowledge of	The relation between the liver reserves of
22733	dermatitis pustulosa of sheep. V. Investigations	vitamin A and some intestinal parasites in Dokki 4 chicks. (a). In chicks affected with cocal coc-
VINCA On the presence of mycoplasma-like particles in	into the development of immunity to the virus of dermatitis pustulosa at various places of the sur-	cidiosis.
the inner bark of plants damaged by diseases of	face of the body.	The relation between the liver reserves of
the yellow type (Aster Yellow, Phyllody of clover, Stolbur of tomatoes) and on the relation-	Experimental contributions to the knowledge of	vitamin A and some intestinal parasites in Dokki
ship of these particles to the ones found in vari-	dermatitis pustulosa of sheep. IV.0CULTIVAT-	4 chicks. (b). In chicks infested with Ascaridia galli.
ous Insecta Homoptera. 22505	ING the dermatitis pustulosa virus in a tissue cul- ture.	22758
/IRAL VACCINES	22718	WATER
Comparative potency tests on modified live-virus	Experimental contributions to the knowledge of	Significance of fluctuating humidities and frequency of blood meals on the survival of the
rabies vaccine produced from Flury high egg- passage virus grown on permanent dog kidney	dermatitis pustulosa of sheep.II.0THE behavior of the complement fixation and of the infectious	spiny rat mite, Echinolaelaps cchidninus (Bcr- lese).
cell line.	antigen at various pH levels.	22247
22634	Experimental contributions to the knowledge of	Process for the control of nematodes using
Immunization of horses against African horse- sickness with attenuated neurotropic viral strains	dermatitis pustulosa of sheep. I.Experiments	petroleum oil and water cmulsions. Patcnt 3,426,126.
propagated in chicken embryos.	concerning the purification of the dermatitis pustulosa virus and the isolation of the comple-	22552
22662	ment fixation antigen from the elementary	Effects of washing with saline solution and nor- mal bovine plasma on the infectivity of
'IRUS DISEASES (ANIMALS) Rev. I Brucella melitensis vaccine. The stability	bodies. 22720	Anaplasma marginale in crythrocytes.
of the degree of attenuation.	Light and electron microscopic examinations of	22649 The influence of rected countie plants on the dis-
Rev. I Brucella melitensis vaccine. Serological	a new bovine herpes virus.	The influence of rooted aquatic plants on the dissolved oxygen content of water.
reactions in Maltese goats.	Fowl poxa costly disease cheaply prevented.	22805
22624	22730	Water dispersible powdered pesticide concentrates. Patent 3,421,882.
Studies of pneumoenteritis in cattle. 22632	Electron-microscopic findings in the lingual mu-	22833
Tissue culture hog cholera vaccine. Patent	cosa of healthy and foot-and-mouth diseased cat- tle.	WATER POLLUTION Persistence of herbicides in ponded water and
3,422,188.	22742	soils.
22638 Bovine virus diarrhea in Italy. 1. Isolation and	Avian leukosis from the point of view of avian viral tumors.	WATERWAYS 22790
characterization of the virus.	22744	Aquatic vegetation control in Louisiana.
22641	On the question of latent virus infections in wild-	22615
Ultrastructural observations on neurons of the sympathetic ganglia in grass sickness.	living small mammals (insectivores and rodents). Second communication: Isolation of murine en-	WEATHER Contributions to the biology of the bumble bce.
22643	cephalomyelitis viruses.	22387
Rabies vaccinc and process for preparation	Further investigations of the question of latent	Weather and diurnal periodicity of flight by Helophorus brevipalpis Bedel (Col. Hydro-
thereof. Patent 3,423,505.	rabics infection in foxes.	philidae).
Some properties of the virus of duck plague.	VIRUS DISEASES (INSECTS)	WEED CONTROL
22668	Ticks (Ixodidae) collected by Deutsche Indien-	Amine-phosphorus pentafluoride complexes as
Attempts to release the scrapie agent from tissue debris.	Expedition 1955-1958. 22246	herbicides. Patent 3,420,655.
		22337

Herbicidal 1-substituted tribromoimidazoles. Patent 3,423,420.

2,4,5-

22560

VIRUS DISEASES (PLANTS)
Virus tested deciduous fruit trees.

22670

22672

Manufacture of a live canine hepatitis vaccine.

WEEDS

Orchard weed control programs for 1968.		
22566	WILDLIFE On the question of latent virus infections in wild-	A revision of the genus Takecallis Matsumura (Homoptera: Aphididae).
Wild buckwheat competition in flax.	living small mammals (insectivores and rodents).	(Homopiera: Apindidae).
22571		Paltsa expedition 1964 (Lepidoptera).
2-Trichloromethylbenzoxazole as a herbicide	cephalomyelitis viruses.	22286
Patent 3,423,200.		The identity of Brachypterolus linariae
22575	Leptospirosis in wild animals. The isolation of a strain of Leptospira canicola from an armadillo	(Stephens) (Col., Nitidulidae), with notes on its
Seed dormancy of Fumaria officinalis.	(Chaetaphractus villagus)	occurrence in Britain.
22578	22760	22290
Herbicidal composition. Patent 3,425,820.	Investigation of the helminthofauna of beasts of	Two new African sub-species of Sphingidae
22580	prey.	(Lep. Sphingidae).
Composition and method for controlling un desirable plant growth. Patent 3,425,821.		A revision of the genus Periope Haliday with
22596	Where do we stand on safe use of pesticides.	description of a new species (Hymenoptera,
Aquatic herbicide. Patent 3,421,880.	22845	Ichneumonidae).
22598	WIND	22297
Some changes in weed species in response to	Technique to study the movement of CDAA	A new Photinus firefly, with notes on mating
control methods and chemicals in Hawaii.	from a granule into soil.	behavior and a possible case of character dis-
22600	WINTER SQUASH	placement (Coleoptera: Lampyridae).
Use of hormone weedkillers near vineyards.	Effect of several herbicides on the proteolytic ac-	22300
22610	tivity in squash.	A new European species of Lysiphlebus (Hym.
Investigations with paraquat (Gramoxone) as a	22804	Aphididae).
herbicide for weed control in low-grown tea.	WORLD AGRICULTURAL SITUATION	Australian Blattidae (Blattodea). VIII. The
22613	we have the most modern plant protection law	Platyzosteria group; subgenus Melanozosteria
New equipment developed by the Corps of En		Stal.
gineers for use in aquatic weed control.	22847	22304
WEEDS	X-KAYS	Trogoderma angustum SOL. in Germany
The knowledge of the interdependence between	The effects of experimental microascaridic infec-	(Col.,Dermestidae).
soil pests, weeds, and their control measures.	tions by Ascaris suum in guinea pigs subjected to total body X- irradiation LD 50/30.	22308
2248	22761	Supplementary information on the Aphididae
Competition of cow cockle (Saponaria vaccaria	XYLENE	fauna of central Europe.
L.) and linseed flax.	Studies on staphylococcosis in chickens, 11.	22309
22555	Pathogenicity of staphylococcus aureus of	Notes on Buprestidae (Coleoptera): Part VI.
Important weeds of turf areas in North Centra		22311
States. 22562	22681	A revision of the genus Microgaster latreille
	TELEOW MOSAIC (TORNITS)	(Hymenoptera: Braconidae).
Studies of the germination, growth and develop ment of barnyardgrass.		
22565	parenchyma cells of healthy leaves and leaves in- fected with yellow mosaic turnip virus, of Bras-	On the taxonomy and distribution of the Europe-
Seed dormancy of Fumaria officinalis.	sica chinesis.	an and Middle-East species of the Tabanus bovinus-group (Diptera, Tabanidae).
22578	*****	22315
Some changes in weed species in response to	1104 7 0 1110	A review of the tribe Rutiliini (Diptera: Tachin-
control methods and chemicals in Hawaii.	On the presence of mycoplasma-like particles in	idae) I. Genera other than Rutilia Robineau-
22600	the inner bark of plants damaged by diseases of	Desvoidy and Formosia Guerin-Meneville.
Weed control in seedling alfalfa.	the inner bark of plants damaged by diseases of the yellow type (Aster Yellow, Phyllody of	Desvoidy and Formosia Guerin-Meneville. 22318
22600	the inner bark of plants damaged by diseases of the yellow type (Aster Yellow, Phyllody of clover, Stolbur of tomatoes) and on the relation-	22318 Genera and species of the Dermaptera. 5. Spon-
Weed control in seedling alfalfa. 22602 Adapting chemical weed control programs to	the inner bark of plants damaged by diseases of the yellow type (Aster Yellow, Phyllody of clover, Stolbur of tomatoes) and on the relation- ship of these particles to the ones found in vari-	22318 Genera and species of the Dermaptera. 5. Spongiphorinae and Labiinae.
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Weed control in seedling alfalfa. 22602 Adapting chemical weed control programs to meet orchard conditions. 22602 Effect of 2,4-D on crop weed competition in	the inner bark of plants damaged by diseases of the yellow type (Aster Yellow, Phyllody of clover, Stolbur of tomatoes) and on the relation- ship of these particles to the ones found in vari- ous Insecta Homoptera. 22505	Genera and species of the Dermaptera. 5. Spongiphorinae and Labiinae. 22320 Genera and species of the Dermaptera. 4. Pericominae, Vandicinae, Strongylopsalinae,
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Weed control in seedling alfalfa. 2260: Adapting chemical weed control programs to meet orchard conditions. 2260: Effect of 2,4-D on crop weed competition in wheat.	the inner bark of plants damaged by diseases of the yellow type (Aster Yellow, Phyllody of clover, Stolbur of tomatoes) and on the relationship of these particles to the ones found in various Insecta Homoptera. 22505 ZOOGEOGRAPHY Diptera from Nepal. Anthomyiidae. 22251 The patural groups of Compromerially Betry	Genera and species of the Dermaptera. 5. Spongiphorinae and Labiinae. 22320 Genera and species of the Dermaptera. 4. Pericominae, Vandicinae, Strongylopsalinae,
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Weed control in seedling alfalfa. 2260: Adapting chemical weed control programs to meet orchard conditions. 2260: Effect of 2,4-D on crop weed competition in wheat.	the inner bark of plants damaged by diseases of the yellow type (Aster Yellow, Phyllody of clover, Stolbur of tomatoes) and on the relationship of these particles to the ones found in various Insecta Homoptera. 22505 ZOOGEOGRAPHY Diptera from Nepal. Anthomyiidae. 22251 The natural groups of Campsomeriella Betr., 1941 (Hymenoptera Scoliidae).	Genera and species of the Dermaptera. 5. Spongiphorinae and Labiinae. 22320 Genera and species of the Dermaptera. 4. Pericominae, Vandicinae, Strongylopsalinae, Nesogastrinae, Isopyginae (Labiidae). 22321 Heteronychia (Spatulapica) slovaca sp. n. and notes on the taxonomy of Heteronchia (Spatulapica)
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Weed control in seedling alfalfa. Adapting chemical weed control programs to meet orchard conditions. 2260. Effect of 2,4-D on crop weed competition in wheat. 2260. Weeds and weed control. Ragwort, Senecic jacobaea, declared noxious weed. 2260. Weeds worth watching The soursobs. 2261. C02:02 ratios in relation to weed seed germination.	the inner bark of plants damaged by diseases of the yellow type (Aster Yellow, Phyllody of clover, Stolbur of tomatoes) and on the relationship of these particles to the ones found in various Insecta Homoptera. 22505 ZOOGEOGRAPHY Diptera from Nepal. Anthomyiidae. 22251 The natural groups of Campsomeriella Betr., 1941 (Hymenoptera Scoliidae). 22258 The Dermaptera of the Naturhistoriska Riksmuseum, Stockholm. Part III. 22260 Chelifera aperticauda Collin (Dipt., Empididae)	Genera and species of the Dermaptera. 5. Spongiphorinae and Labiinae. 22320 Genera and species of the Dermaptera. 4. Pericominae, Vandicinae, Strongylopsalinae, Nesogastrinae, Isopyginae and Sparattinae (Labiidae). 22321 Heteronychia (Spatulapica) slovaca sp. n. and notes on the taxonomy of Heteronchia (Spatulapica) rodendorfi (Povolny and Slameckova, 1959) (Diptera). 22322
Weed control in seedling alfalfa. 22602 Adapting chemical weed control programs to meet orchard conditions. 22602 Effect of 2,4-D on crop weed competition in wheat. 22606 Weeds and weed control. Ragwort, Senecic jacobaea, declared noxious weed. 22609 Weeds worth watching The soursobs. 22611 C02:02 ratios in relation to weed seed germination. 22821	the inner bark of plants damaged by diseases of the yellow type (Aster Yellow, Phyllody of clover, Stolbur of tomatoes) and on the relationship of these particles to the ones found in various Insecta Homoptera. 22505 ZOOGEOGRAPHY Diptera from Nepal. Anthomyiidae. 22251 The natural groups of Campsomeriella Betr., 1941 (Hymenoptera Scoliidae). 22258 The Dermaptera of the Naturhistoriska Riksmuseum, Stockholm. Part III. 22260 Chelifera aperticauda Collin (Dipt., Empididae in Kent with notes on other Empids. 22262	Genera and species of the Dermaptera. 5. Spongiphorinae and Labiinae. 22320 Genera and species of the Dermaptera. 4. Pericominae, Vandicinae, Strongylopsalinae, Nesogastrinae, Isopyginae and Sparattinae (Labiidae). 22321 Heteronychia (Spatulapica) slovaca sp. n. and notes on the taxonomy of Heteronchia (Spatulapica) rodendorfi (Povolny and Slameckova. 1959) (Diptera). 22322 The types and taxonomy of the Nature-Museum Seckenberg 38: Insecta Lepidoptera Hepialidae. 22328
Weed control in seedling alfalfa. Adapting chemical weed control programs to meet orchard conditions. Effect of 2,4-D on crop weed competition in wheat. 22600 Weeds and weed control. Ragwort, Senecic jacobaea, declared noxious weed. Weeds worth watching The soursobs. C02:02 ratios in relation to weed seed germination. 22821 WHEAT Nitrogen and phosphorus content of greenbug.	the inner bark of plants damaged by diseases of the yellow type (Aster Yellow, Phyllody of clover, Stolbur of tomatoes) and on the relationship of these particles to the ones found in various Insecta Homoptera. 22505 ZOOGEOGRAPHY Diptera from Nepal. Anthomyiidae. 22251 The natural groups of Campsomeriella Betr., 1941 (Hymenoptera Scoliidae). 22258 The Dermaptera of the Naturhistoriska Riksmuseum, Stockholm. Part III. 22260 Chelifera aperticauda Collin (Dipt., Empididae in Kent with notes on other Empids. 22262	Genera and species of the Dermaptera. 5. Spongiphorinae and Labiinae. 22320 Genera and species of the Dermaptera. 4. Pericominae, Vandicinae, Strongylopsalinae, Nesogastrinae, Isopyginae and Sparattinae (Labiidae). 22321 Heteronychia (Spatulapica) slovaca sp. n. and notes on the taxonomy of Heteronchia (Spatulapica) rodendorfi (Povolny and Slameckova, 1959) (Diptera). 22322 The types and taxonomy of the Nature-Museum Seckenberg 38: Insecta Lepidoptera Hepialidae. 22328 Eurycolpus enslini n. sp., a new species of Phylini
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Weed control in seedling alfalfa. Adapting chemical weed control programs to meet orchard conditions. 2260. Effect of 2,4-D on crop weed competition in wheat. 2260. Weeds and weed control. Ragwort, Senecic jacobaea, declared noxious weed. 2260. Weeds worth watching The soursobs. 2261. C02:02 ratios in relation to weed seed germination. 2282. WHEAT Nitrogen and phosphorus content of greenbuggerared on fertilized wheat.	the inner bark of plants damaged by diseases of the yellow type (Aster Yellow, Phyllody of clover, Stolbur of tomatoes) and on the relationship of these particles to the ones found in various Insecta Homoptera. 22505 ZOOGEOGRAPHY Diptera from Nepal. Anthomyiidae. 22251 The natural groups of Campsomeriella Betr., 1941 (Hymenoptera Scoliidae). 22258 The Dermaptera of the Naturhistoriska Riksmuseum, Stockholm. Part III. 22260 Chelifera aperticauda Collin (Dipt., Empididae in Kent with notes on other Empids. 22262 Contribution to the study of the Caeculidae. IV. Procaeculus Bryani Jacot, 1936 (Acariens: Prostigmates). 22266	Genera and species of the Dermaptera. 5. Spongiphorinae and Labiinae. 22320 Genera and species of the Dermaptera. 4. Pericominae, Vandicinae, Strongylopsalinae, Nesogastrinae, Isopyginae and Sparattinae (Labiidae). 22321 Heteronychia (Spatulapica) slovaca sp. n. and notes on the taxonomy of Heteronchia (Spatulapica) rodendorfi (Povolny and Slameckova. 1959) (Diptera). 22322 The types and taxonomy of the Nature-Museum Seckenberg 38: Insecta Lepidoptera Hepialidae. 22328 Eurycolpus enslini n. sp., a new species of Phylini DGL. SC. from southern Turkey (Heteroptera
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Weed control in seedling alfalfa. 22602 Adapting chemical weed control programs to meet orchard conditions. 22602 Effect of 2,4-D on crop weed competition in wheat. 22606 Weeds and weed control. Ragwort, Senecic jacobaea, declared noxious weed. 22606 Weeds worth watching The soursobs. 22611 C02:02 ratios in relation to weed seed germination. 22821 WHEAT Nitrogen and phosphorus content of greenbug reared on fertilized wheat. 2283: A mechanical harvester for collecting larvae of the wheat stem sawfly. 2253: Effect of 2,4-D on crop weed competition in wheat. 22606	the inner bark of plants damaged by diseases of the yellow type (Aster Yellow, Phyllody of clover, Stolbur of tomatoes) and on the relationship of these particles to the ones found in various Insecta Homoptera. 22505 ZOOGEOGRAPHY Diptera from Nepal. Anthomyiidae. 22251 The natural groups of Campsomeriella Betr., 1941 (Hymenoptera Scoliidae). 22258 The Dermaptera of the Naturhistoriska Riksmuseum, Stockholm. Part III. 22260 Chelifera aperticauda Collin (Dipt., Empididae in Kent with notes on other Empids. 22262 Contribution to the study of the Caeculidae. IV. Procaeculus Bryani Jacot, 1936 (Acariens: Prostigmates). 22266 Hymenoptera from Turkey. Sphecidae, 1. 22268 A revision of the Tertiary fossil species of the Kalotermitidae (Isoptera). 22270 The Alysiinae (Hym. Braconidae) parasites of the Agromyzidae (Diptera). VI. The parasites of	Genera and species of the Dermaptera. 5. Spongiphorinae and Labiinae. 22320 Genera and species of the Dermaptera. 4. Pericominae, Vandicinae, Strongylopsalinae, Nesogastrinae, Isopyginae and Sparattinae (Labiidae). 22321 Heteronychia (Spatulapica) slovaca sp. n. and notes on the taxonomy of Heteronchia (Spatulapica) rodendorfi (Povolny and Slameckova. 1959) (Diptera). 22322 The types and taxonomy of the Nature-Museum Seckenberg 38: Insecta Lepidoptera Hepialidae. 22328 Eurycolpus enslini n. sp., a new species of Phylini DGL. SC. from southern Turkey (Heteroptera Miridae). 22330 The taxonomy and biology of two sympatric sibling species of Culex, C. pipiens and C. torrentium (Diptera, Culicidae). 22331 The Dipterous genus Diostracus Loew (Dolichopodidae).
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Weed control in seedling alfalfa. 22600 Adapting chemical weed control programs to meet orchard conditions. 22600 Effect of 2,4-D on crop weed competition in wheat. 22600 Weeds and weed control. Ragwort, Senecic jacobaea, declared noxious weed. 22600 Weeds worth watching The soursobs. 22611 C02:02 ratios in relation to weed seed germination. 22821 WHEAT Nitrogen and phosphorus content of greenbug reared on fertilized wheat. 22382 A mechanical harvester for collecting larvae of the wheat stem sawfly. 22533 Factors affecting the activity of diallate. 22556 Effect of 2,4-D on crop weed competition in wheat. 22606 Insects cost us money.	the inner bark of plants damaged by diseases of the yellow type (Aster Yellow, Phyllody of clover, Stolbur of tomatoes) and on the relationship of these particles to the ones found in various Insecta Homoptera. 22505 ZOOGEOGRAPHY Diptera from Nepal. Anthomyiidae. 22251 The natural groups of Campsomeriella Betr., 1941 (Hymenoptera Scoliidae). 22258 The Dermaptera of the Naturhistoriska Riksmuseum, Stockholm. Part III. 22260 Chelifera aperticauda Collin (Dipt., Empididae in Kent with notes on other Empids. 22262 Contribution to the study of the Caeculidae. IV. Procaeculus Bryani Jacot, 1936 (Acariens: Prostigmates). 22268 A revision of the Tertiary fossil species of the Kalotermitidae (Isoptera). The Alysiinae (Hym. Braconidae) parasites of the Agromyzidae (Diptera). VI. The parasites of Cerodontha rondani s. i. 22272	Genera and species of the Dermaptera. 5. Spongiphorinae and Labiinae. 22320 Genera and species of the Dermaptera. 4. Pericominae, Vandicinae, Strongylopsalinae, Nesogastrinae, Isopyginae and Sparattinae (Labiidae). 22321 Heteronychia (Spatulapica) slovaca sp. n. and notes on the taxonomy of Heteronchia (Spatulapica) rodendorfi (Povolny and Slameckova. 1959) (Diptera). 22322 The types and taxonomy of the Nature-Museum Seckenberg 38: Insecta Lepidoptera Hepialidae. 22328 Eurycolpus enslini n. sp., a new species of Phylini DGL. SC. from southern Turkey (Heteroptera Miridae). 22330 The taxonomy and biology of two sympatric sibling species of Culex, C. pipiens and C. torrentium (Diptera, Culicidae). 22331 The Dipterous genus Diostracus Loew (Dolichopodidae).
Weed control in seedling alfalfa. 22602 Adapting chemical weed control programs to meet orchard conditions. 22603 Effect of 2,4-D on crop weed competition in wheat. 22606 Weeds and weed control. Ragwort, Senecic jacobaea, declared noxious weed. 22609 Weeds worth watching The soursobs. 22611 C02:02 ratios in relation to weed seed germination. 22821 WHEAT Nitrogen and phosphorus content of greenbug reared on fertilized wheat. 22382 A mechanical harvester for collecting larvae of the wheat stem sawfly. 22532 Effect of 2,4-D on crop weed competition in wheat. 22606 Insects cost us money. 22786 Herbicide persistence with different incorpora	the inner bark of plants damaged by diseases of the yellow type (Aster Yellow, Phyllody of clover, Stolbur of tomatoes) and on the relationship of these particles to the ones found in various Insecta Homoptera. 22505 ZOOGEOGRAPHY Diptera from Nepal. Anthomyiidae. 22251 The natural groups of Campsomeriella Betr., 1941 (Hymenoptera Scoliidae). 22258 The Dermaptera of the Naturhistoriska Riksmuseum, Stockholm. Part III. 22260 Chelifera aperticauda Collin (Dipt., Empididae in Kent with notes on other Empids. 22262 Contribution to the study of the Caeculidae. IV. Procaeculus Bryani Jacot, 1936 (Acariens: Prostigmates). 22268 A revision of the Tertiary fossil species of the Kalotermitidae (Isoptera). The Alysiinae (Hym. Braconidae) parasites of the Agromyzidae (Diptera). VI. The parasites of Cerodontha rondani s. i. 22272	Genera and species of the Dermaptera. 5. Spongiphorinae and Labiinae. 22320 Genera and species of the Dermaptera. 4. Pericominae, Vandicinae, Strongylopsalinae, Nesogastrinae, Isopyginae and Sparattinae (Labiidae). 22321 Heteronychia (Spatulapica) slovaca sp. n. and notes on the taxonomy of Heteronchia (Spatulapica) rodendorfi (Povolny and Slameckova, 1959) (Diptera). 22322 The types and taxonomy of the Nature-Museum Seckenberg 38: Insecta Lepidoptera Hepialidae. 22328 Eurycolpus enslini n. sp., a new species of Phylini DGL. SC. from southern Turkey (Heteroptera Miridae). 22330 The taxonomy and biology of two sympatric sibling species of Culex, C. pipiens and C. torrentium (Diptera, Culicidae). 22331 The Dipterous genus Diostracus Loew (Dolichopodidae). 22337 Notes on the Indo-Australian Basicerotine ants (Hymenoptera: Formicidae).
Weed control in seedling alfalfa. 22600 Adapting chemical weed control programs to meet orchard conditions. 22600 Effect of 2,4-D on crop weed competition in wheat. 22600 Weeds and weed control. Ragwort, Senecic jacobaea, declared noxious weed. 22600 Weeds worth watching The soursobs. 22611 C02:02 ratios in relation to weed seed germination. 22821 WHEAT Nitrogen and phosphorus content of greenbug reared on fertilized wheat. 22382 A mechanical harvester for collecting larvae of the wheat stem sawfly. 22533 Factors affecting the activity of diallate. 22556 Effect of 2,4-D on crop weed competition in wheat. 22606 Insects cost us money.	the inner bark of plants damaged by diseases of the yellow type (Aster Yellow, Phyllody of clover, Stolbur of tomatoes) and on the relationship of these particles to the ones found in various Insecta Homoptera. 22505 ZOOGEOGRAPHY Diptera from Nepal. Anthomyiidae. 22251 The natural groups of Campsomeriella Betr., 1941 (Hymenoptera Scoliidae). 22258 The Dermaptera of the Naturhistoriska Riksmuseum, Stockholm. Part III. 22260 Chelifera aperticauda Collin (Dipt., Empididae in Kent with notes on other Empids. 22262 Contribution to the study of the Caeculidae. IV. Procaeculus Bryani Jacot, 1936 (Acariens: Prostigmates). 22268 A revision of the Tertiary fossil species of the Kalotermitidae (Isoptera). 22270 The Alysiinae (Hym. Braconidae) parasites of the Agromyzidae (Diptera). VI. The parasites of Cerodontha rondani s. i. 22272 Recent Hemiptera of the Canary Islands.	Genera and species of the Dermaptera. 5. Spongiphorinae and Labiinae. 22320 Genera and species of the Dermaptera. 4. Pericominae, Vandicinae, Strongylopsalinae, Nesogastrinae, Isopyginae and Sparattinae (Labiidae). 22321 Heteronychia (Spatulapica) slovaca sp. n. and notes on the taxonomy of Heteronchia (Spatulapica) rodendorfi (Povolny and Slameckova. 1959) (Diptera). 22322 The types and taxonomy of the Nature-Museum Seckenberg 38: Insecta Lepidoptera Hepialidae. 22328 Eurycolpus enslini n. sp., a new species of Phylini DGL. SC. from southern Turkey (Heteroptera Miridae). 22330 The taxonomy and biology of two sympatric sibling species of Culex, C. pipiens and C. torrentium (Diptera, Culicidae). 22331 The Dipterous genus Diostracus Loew (Dolichopodidae). 22337 Notes on the Indo-Australian Basicerotine ants (Hymenoptera: Formicidae). 22338 Notes on the Scandinavian Ptychopteridae, with description of a new species (Diptera).
Weed control in seedling alfalfa. 22600 Adapting chemical weed control programs to meet orchard conditions. 22600 Effect of 2,4-D on crop weed competition in wheat. 22600 Weeds and weed control. Ragwort, Senecic jacobaea, declared noxious weed. 22600 Weeds worth watching The soursobs. 22611 C02:02 ratios in relation to weed seed germination. 22821 WHEAT Nitrogen and phosphorus content of greenbug reared on fertilized wheat. 22382 A mechanical harvester for collecting larvae of the wheat stem sawfly. 22533 Factors affecting the activity of diallate. 22554 Effect of 2,4-D on crop weed competition in wheat. 22600 Insects cost us money. 22786 Herbicide persistence with different incorporators. 22827	the inner bark of plants damaged by diseases of the yellow type (Aster Yellow, Phyllody of clover, Stolbur of tomatoes) and on the relationship of these particles to the ones found in various Insecta Homoptera. 22505 ZOOGEOGRAPHY Diptera from Nepal. Anthomyiidae. 22251 The natural groups of Campsomeriella Betr., 1941 (Hymenoptera Scoliidae). 22258 The Dermaptera of the Naturhistoriska Riksmuseum, Stockholm. Part III. 22260 Chelifera aperticauda Collin (Dipt., Empididae in Kent with notes on other Empids. 22262 Contribution to the study of the Caeculidae. IV. Procaeculus Bryani Jacot, 1936 (Acariens: Prostigmates). 22266 Hymenoptera from Turkey. Sphecidae, 1. 22268 A revision of the Tertiary fossil species of the Kalotermitidae (Isoptera). 22270 The Alysiinae (Hym. Braconidae) parasites of the Agromyzidae (Diptera). VI. The parasites of Cerodontha rondani s. i. 22272 Recent Hemiptera of the Canary Islands. 22277 Faunistic news (Lep. Oecophoridae and Tortricidae).	Genera and species of the Dermaptera. 5. Spongiphorinae and Labiinae. 22320 Genera and species of the Dermaptera. 4. Pericominae, Vandicinae, Strongylopsalinae, Nesogastrinae, Isopyginae and Sparattinae (Labiidae). 22321 Heteronychia (Spatulapica) slovaca sp. n. and notes on the taxonomy of Heteronchia (Spatulapica) rodendorfi (Povolny and Slameckova, 1959) (Diptera). 22322 The types and taxonomy of the Nature-Museum Seckenberg 38: Insecta Lepidoptera Hepialidae. 22328 Eurycolpus enslini n. sp., a new species of Phylini DGL. SC. from southern Turkey (Heteroptera Miridae). 22330 The taxonomy and biology of two sympatric sibling species of Culex, C. pipiens and C. torrentium (Diptera, Culicidae). 22331 The Dipterous genus Diostracus Loew (Dolichopodidae). 22337 Notes on the Indo-Australian Basicerotine ants (Hymenoptera: Formicidae). 22338 Notes on the Scandinavian Ptychopteridae, with description of a new species (Diptera).
Weed control in seedling alfalfa. 22602 Adapting chemical weed control programs to meet orchard conditions. 22603 Effect of 2,4-D on crop weed competition in wheat. 22606 Weeds and weed control. Ragwort, Senecic jacobaea, declared noxious weed. 22607 Weeds worth watching The soursobs. 22617 C02:02 ratios in relation to weed seed germination. 22821 WHEAT Nitrogen and phosphorus content of greenbug reared on fertilized wheat. 22382 A mechanical harvester for collecting larvae of the wheat stem sawfly. 22532 Factors affecting the activity of diallate. Effect of 2,4-D on crop weed competition in wheat. 22606 Insects cost us money. 22786 Herbicide persistence with different incorporal	the inner bark of plants damaged by diseases of the yellow type (Aster Yellow, Phyllody of clover, Stolbur of tomatoes) and on the relationship of these particles to the ones found in various Insecta Homoptera. 22505 ZOOGEOGRAPHY Diptera from Nepal. Anthomyiidae. 22251 The natural groups of Campsomeriella Betr., 1941 (Hymenoptera Scoliidae). 22258 The Dermaptera of the Naturhistoriska Riksmuseum, Stockholm. Part III. 22260 Chelifera aperticauda Collin (Dipt., Empididae in Kent with notes on other Empids. 22262 Contribution to the study of the Caeculidae. IV. Procaeculus Bryani Jacot, 1936 (Acariens: Prostigmates). 22268 A revision of the Tertiary fossil species of the Kalotermitidae (Isoptera). 22270 The Alysiinae (Hym. Braconidae) parasites of the Agromyzidae (Diptera). VI. The parasites of Cerodontha rondani s. i. 22272 Recent Hemiptera of the Canary Islands. 22277 Faunistic news (Lep. Oecophoridae and Tortricidae).	Genera and species of the Dermaptera. 5. Spongiphorinae and Labiinae. 22320 Genera and species of the Dermaptera. 4. Pericominae, Vandicinae, Strongylopsalinae, Nesogastrinae, Isopyginae and Sparattinae (Labiidae). 22321 Heteronychia (Spatulapica) slovaca sp. n. and notes on the taxonomy of Heteronchia (Spatulapica) rodendorfi (Povolny and Slameckova. 1959) (Diptera). 22322 The types and taxonomy of the Nature-Museum Seckenberg 38: Insecta Lepidoptera Hepialidae. 22328 Eurycolpus enslini n. sp., a new species of Phylini DGL. SC. from southern Turkey (Heteroptera Miridae). 22330 The taxonomy and biology of two sympatric sibling species of Culex, C. pipiens and C. torrentium (Diptera, Culicidae). 22331 The Dipterous genus Diostracus Loew (Dolichopodidae). 22337 Notes on the Indo-Australian Basicerotine ants (Hymenoptera: Formicidae). 22338 Notes on the Scandinavian Ptychopteridae, with description of a new species (Diptera). 22339 Notes on the genera Cosmophorus and Orgilus in
Weed control in seedling alfalfa. 22602 Adapting chemical weed control programs to meet orchard conditions. 22603 Effect of 2,4-D on crop weed competition in wheat. 22606 Weeds and weed control. Ragwort, Senecic jacobaea, declared noxious weed. 22607 Weeds worth watching The soursobs. 22611 C02:02 ratios in relation to weed seed germination. 22821 WHEAT Nitrogen and phosphorus content of greenbug reared on fertilized wheat. 22382 A mechanical harvester for collecting larvae of the wheat stem sawfly. 22537 Factors affecting the activity of diallate. 22558 Effect of 2,4-D on crop weed competition in wheat. 22606 Insects cost us money. 22786 Herbicide persistence with different incorporators. 22827 WILD FLOWERS	the inner bark of plants damaged by diseases of the yellow type (Aster Yellow, Phyllody of clover, Stolbur of tomatoes) and on the relationship of these particles to the ones found in various Insecta Homoptera. 22505 ZOOGEOGRAPHY Diptera from Nepal. Anthomyiidae. 22251 The natural groups of Campsomeriella Betr., 1941 (Hymenoptera Scoliidae). 22258 The Dermaptera of the Naturhistoriska Riksmuseum, Stockholm. Part III. 22260 Chelifera aperticauda Collin (Dipt., Empididae in Kent with notes on other Empids. 22262 Contribution to the study of the Caeculidae. IV. Procaeculus Bryani Jacot, 1936 (Acariens: Prostigmates). 22266 Hymenoptera from Turkey. Sphecidae, 1. 22268 A revision of the Tertiary fossil species of the Kalotermitidae (Isoptera). 22270 The Alysiinae (Hym. Braconidae) parasites of the Agromyzidae (Diptera). VI. The parasites of Cerodontha rondani s. i. 22272 Recent Hemiptera of the Canary Islands. 22277 Faunistic news (Lep. Oecophoridae and Tortricidae).	Genera and species of the Dermaptera. 5. Spongiphorinae and Labiinae. 22320 Genera and species of the Dermaptera. 4. Pericominae, Vandicinae, Strongylopsalinae, Nesogastrinae, Isopyginae and Sparattinae (Labiidae). 22321 Heteronychia (Spatulapica) slovaca sp. n. and notes on the taxonomy of Heteronchia (Spatulapica) rodendorfi (Povolny and Slameckova, 1959) (Diptera). 22322 The types and taxonomy of the Nature-Museum Seckenberg 38: Insecta Lepidoptera Hepialidae. 22328 Eurycolpus enslini n. sp., a new species of Phylini DGL. SC. from southern Turkey (Heteroptera Miridae). 22330 The taxonomy and biology of two sympatric sibling species of Culex, C. pipiens and C. torrentium (Diptera, Culicidae). 22331 The Dipterous genus Diostracus Loew (Dolichopodidae). 22337 Notes on the Indo-Australian Basicerotine ants (Hymenoptera: Formicidae). 22338 Notes on the Scandinavian Ptychopteridae, with description of a new species (Diptera).

SUBJECT INDEX

ZOOGEOGRAPHY

Morphology of the black fly Prosimulium frohnei Sommerman (Dipt. Simuliidae).

22367
Investigations into the circumpolar blackfly fauna (fam. Simuliidae, Dipt.).

22368
The concept of microclimate from an entomological point of view.

Observations on the alpine fauna of Coleoptera and its origin.

The evolution and dispersal of the grassland leafhopper genus Exitianus, with keys to the Old World species (Cicadellidae: Hemiptera).

The genetics of Chilasa clytia lankeswara (the common mime).

A preliminary report on the breeding sites and incidence of Aedes in Delhi.

Parthenium weed in Madhya pradesh.

22587

Isolation and identification of Clostridium hemolyticum in cattle in Florida.



Ackande, D. M. Curewarty Massem, Oxford, England: Hope Dept of Entomology 22255 Readley, P. G. Agriculture, Cologo 22256 Aley, D. H. Chanda Dept of Zoology 22256 Aley, D. H. Chanda Dept of Zoology 22256 Aley, D. H. Chanda Dept of Zoology 22356 Aley, D. H. Chanda Dept of Zoology 22356 Alexander C. F. Chanda Dept of Zoology 22356 Alexander C. F. Chanda Carterian (Cologo and Moreum, France Cologo and Moreum (Cologo and Moreum), Cologo and Moreum), Cologo and Moreum (Cologo and Moreum), Cologo and Moreum (Cologo and Moreum), Cologo and Moreum), Cologo and Moreum (Cologo and Moreum), Cologo and Moreum (Cologo and Moreum), Cologo and Moreum), Cologo and Moreum (Cologo and Moreum), Cologo and Moreum), Cologo and Moreum (Cologo and Moreum), Cologo and Moreum), Cologo and Moreum (Cologo and Moreum), Cologo and Moreum), Cologo and Moreum (Cologo and Moreum), Cologo and Moreum), Cologo and Moreum (Cologo and Moreum), Cologo and Moreum), Cologo and Moreum (Cologo and Moreum), Cologo and Moreum), Cologo and Moreum (Cologo and Moreum), Cologo and Moreum), Cologo and Moreum (Cologo and Moreum), Cologo and Moreum), Cologo and Moreum, Cologo and Moreum (Cologo and Moreum), Cologo and Moreum), Cologo and Moreum, Cologo and Moreum, Cologo and Moreum, Cologo and Moreum), Cologo and Moreum,			
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Adyod, K. Q. Aydod, M. Q. Aydod	Ackland, D M University Museum, Oxford, England; Hope Dept.	Auburn University, Auburn, Alabama; Agriculture Experiment Station	Brousse-Gaury, P Laboratoire d'Evolution des Etres organises, Paris,;
University Coll of North Wales, Bangor, Dept. of Entomology Records of North Wales, Bangor, Dept. of Scalachewan, Carada Series, Canada Dept. of Agriculture, Regina, Sadachewan, Carada 2255 Adeas, R. A. Carada, Dept. of Agriculture, Valletta, Malta, Brucellois Lab. Department of Agriculture, Valletta, Malta, Brucellois Lab. Department of Agriculture, Valletta, Malta, Brucellois Lab. Experiment of Agriculture, Malta; Brucellois Lab. Beating, J. Carada, J. Carada, J. Carada, J. Carada, J. Carada, J. Carada, Carada, J. Carada	Adiyodi, K G Kerala Univ., India; Dept. of Zoology	Beaumont, J D Lausanne Zoological Museum, France 22257	Brousse-Gaury, P Laboratoire d'evolution des Etres Organises, Paris,
Alex, J. P. Canada Dept. of Agriculture, Regina, Sadiatchewan, Carada Sa	Akey, D H Wisconsin Univ., Madison; Dept. of Entomology	University Coll. of North Wales, Bangor; Dcpt. of Zoology	Brousse-Gaury, P
Alexander, C. P. Anhierds, Maos. Alons, G. G. Department of Agriculture, Valletta, Malta; Brucellosis, Lab. Department of Agriculture, Malta; Brucellosis, Lab. Defarts, C. Department of Malta; Brucellosis, Department of Agriculture, Wanganis, Department	Alex, J F Canada Dept. of Agriculture, Regina,	Beaver, R A University Coll. of North Wales, Bangor; Dept. of	France 22361
Alton, C Gordon Control of Agriculture, Valletus, Malta, Brucellowic Lab. Peteron F. State of Agriculture, Malta; Brucellowic Lab. Peteron F. State of March 1997. Peteron F. State of Mar	Alexander, C P	22353 Becker, C H	Norden Labs., Inc., Lincoln, Neb.; Dept. of Biological Research and Development
Alten, G. C. 2622 Amerault, T. F. Carech Service, Beltsville, Md. Refreshille, Parasitological Lab. 21043 Amerault, T. F. Carech Service, Beltsville, Md. Refreshille, Parasitological Lab. 21045 Anderson, D. T. C. 2625 Anderson, D. T. C. 2625 Sciences 21348 Adderson, N. C. 24348 Adderson, N. C. 24349 Asher, R. R. S. 24349 Asher,	Alton, G G	many; Inst. of Comparative Pathology 22628	Browne, J G Agricultural Research Service, Denver, Colo.;
Department of Agriculture, Malair, Princellosis Lab. Agricultural Research Service, Beltsville, Md.; Befeville, Parasitological Lab. 22625 Anderson, D.T. An	cellosis Lab.	Institut fur Wasser-Boden und Lufthygiene des Bundes; Gesundheitsamtes, 1000 Berlin 33, Post-	22635
Agricultural Research Service, Beltsville, Md. Bedrnik, P 2254 Anderson, D T Sydney Univ., Australia; School of Biological Sciences 22348 Anderson, S Commonwealth Scientific and Industrial Research, Coopenhagen, Dennarak A gricultural Coll., Coopenhagen, Dennarak A gricultural Research Service, Brownwille, Tex., Text., Coopenhagen, Dennarak A gricultural Research Service, Brownwille, Tex., Endownoopen, Coopenhagen, Dennarak A gricultural Research Service, Brownwille, Tex., England; Dept. of Toxicology Ashen, F M California University, Davis Ashen, F M California University, Davis 22804 Askee, R R Machester Univ., England; Dept. of Zoology Barting, J D Barti	Department of Agriculture, Malta; Brucellosis Lab. 22624	Beckett, E B	22636
Anderson, D.T. Sydney Univ., Australia; School of Biological Sciences 22348 Bajer-Petersen, B. Royal Vectoriancy And Agricultural Coll., Commonwealth Scientific and Industrial Research. 22756 Royal Vectoriancy And Agricultural Coll., Commonwealth Scientific and Industrial Research. 22756 Royal Vectoriancy And Agricultural Coll., Commonwealth Scientific and Industrial Research. 22756 Royal Vectoriancy And Agricultural Coll., Commonwealth Scientific Research Service, Brownsville, Tex., 22756 Royal Vectoriancy And Agricultural Research Service, Brownsville, Tex., 22756 Royal Vectoriancy, And Agricultural Research Service, Brownsville, Tex., 22757 Royal Vectoriancy, And Agricultural Research Service, Brownsville, Tex., 22757 Royal Vectoriancy, And Agricultural Research Service, Brownsville, Tex., 22757 Royal Vectoriancy, And Agricultural Research Service, Brownsville, Tex., 22756 Royal Vectoriancy, And Agricultural Research Service, Brownsville, Tex., 22756 Royal Vectoriancy, And Agricultural Research Division Entoning Research Division Repair Service, Brownsville, Tex., 22756 Royal Vectoriancy, And Agricultural Research Service, Brownsville, Tex., 22756 Royal Vectoriancy, And Agricultural Research Division Rese	Agricultural Research Service, Beltsville, Md.; Beltsville Parasitological Lab.	Bedrnik, P	Australia; Animal İndustry and Agriculture Branch 22789
Anderson, N Commonwealth Scientific and Industrial Research, Copenhagen, Demmark Commonwealth Scientific and Industrial Research (Copenhagen, Demmark Copenhagen, Demm	Anderson, D T Sydney Univ., Australia; School of Biological	of Parasitology 22629	Iowa State University, Ames, Iowa
Organization, Melbourne, Australia 2756 Appert, J 2756 Appert, J 2756 Appert, J 2757 Appert, J 2	Anderson, N	Royal Veterinary And Agricultural Coll., Copenhagen, Denmark	Agricultural Research Service, Brownsville, Tex;
Institut de Rechercnes Agronomiques Tropicales, Paris, France 22349 Ascher, K. R. S. Volcani Inst. of Agricultural Research, Rehovot, Statel. Dept. of Toxicology 22752 Ashton, F. M. California University, Davis 22864 Askew, R. R. Manchester Univ., England; Dept. of Zoology 22255 As. F. A. Shakaran, K. Central Drug Research Inst., Lucknow, India Askew, R. R. Manchester Univ., England; Dept. of Zoology 22255 As. F. A. Shakaran, K. Central Drug Research Inst., Lucknow, India Askew, R. R. Manchester Univ., England; Dept. of Zoology 22255 As. F. A. Shakaran, K. Central Drug Research Inst., Lucknow, India Control of Manchester Univ., England; Dept. of Zoology 22255 As. F. A. Shakaran, K. Central Drug Research Inst., Lucknow, India Control of Manchester Univ., England; Dept. of Zoology 22255 As. F. A. Shakaran, K. Central Drug Research Centre, Poona, India Control of Paris India Control of	Organization, Melbourne, Australia 22756	Benjamin, D M Wisconsin Univ., Madison	Bush, D P
Asker, R R S Asker, R R Bartran, M Seprel; Street, England (Street, Englan	Institut de Rechercnes Agronomiques Tropicales, Paris,; France	Bennett, T P Rockefeller Univ., New York, N. Y.	Busvine, J R
Ashton, F M California University, Davis Askew, R R Askew, R R Askew, R R Manchester Univ., England; Dept. of Zoology Badry, F L Khartoum Univ., Sudan 22794 Bailey, D R Tropical Agriculture Research Station, South Johnstone; Australia 22557 Basker, R R Bristol Univ., England; Dept. of Zoology Banting, J D Saskatchewan Experimental Farm, Regina Sakatchewan Experimental Farm, Regina Bartis, P Carle, P Sandon, J H Sardon, A Bartos, V Carle, P Sardon, J H Sarokay, V Sassiouni, A A Carson, G Soures H Sardon, J B Sarokay, J Sassiouni, A Praguel Nuis Research Inst., Surrey, England, Spania, Sourby Horticultural Research Inst., Surrey, England, Spania, Spania, Sourby Horticultural Research Station, Spania, Sourby Horticultural Research Institute for Plant Production, Spanial Spani	Ascher, K R S Volcani Inst. of Agricultural Research, Rehovot,	Bertran, M Station de Recherches de Lutte Biologique et de	Keppel; Street, England 22363
Askew, R R Manchester Univ., England; Dept. of Zoology Mary, E L	Ashton, F M	Betrem, J G	22562
Askew, R. R. Manchester Univ., England; Dept. of Zoology Ata, F. A. Near East Animal Health Inst., Egypt; Rinderpest Research Lab. 22255 Aurwood, I. S. Aurwood, I. S. Aurwood, I. S. Aurwood, I. S. Bardry, E. L. Bardry, E. L. Bardry, D. R. Tropical Agriculture Research Station, Shouth Dinstoner, Australia 22794 Bardry, D. R. Tropical Agriculture Research Station, Shouth Dinstoner, Australia 22557 Baser, R. R. Bristol Univ., England; Dept. of Zoology Banting, J. D. Saskatchewan Experimental Farm, Regina Barbier, R. Faculte des Sciences, Rennes, France; Lab. de Biologie Animale Bartos, P. Central Research Inst., Philippines Liternational Rice Research Inst., Philippines Lab. Lackhione, A. S. Lackhione, R. A. Locachione, R. A. Locatione, R. A. Instituto Nacional de Tecnologia Agropecuaria, Bhatia, G. N. Polar David Agriculture, Story Brook; Dept. of Biological Sciences 22494 Bick, G. H. Oklahoma Univ., Biological Station Commonwealth Scientific and Industrial Research Organiza, Tion, Glebe, Australia; Div. of Animal Health Inst., Egypt, Faculty des Sciences, Rennes, France; Lab. de Biologie Animale Barbier, R. Faculte des Sciences, Rennes, France; Lab. de Biologie Animale Bartos, P. Central Research Institute of Plant Production, Prague Ruzyne, Czechoslovakia 22493 Bartos, P. Central Research Institute of Plant Production, Prague Ruzyne, Czechoslovakia 22493 Bartos, P. Central Research Institute of Plant Production, Prague Ruzyne, Czechoslovakia 22493 Bartos, P. Central Research Institute of Plant Production, Prague Ruzyne, Czechoslovakia 22493 Brooksby, J. B. Brooksby, J. B. Animal Virus Research Inst., Surrey, England, Dept. of Entomologia Proph, C. R. Cardhen, R. Locatione, R. A. Instituto Nacional de Tecnologia Agroenousia, Bhatistitu of Economis Nacional Activation of Packeton Nacional Activation of Packeton Nacional Activation of Cachosic Activation of Packeton Nacional Activation of Packeton Nacional Activation of Cachosic Sciences Prague, of Cachosic N	Askew, R R	Bhaskaran, K	nary Science
Ata, F.A. Near East Animal Health Inst., Egypt; Rinderpest Research Lab. Near East Animal Health Inst., Egypt; Rinderpest Research Lab. 22626 Aurwood, I.S. Animal Research Inst., Brisbane, Australia 22794 Badry, F.L. Khartoum Univ., Sudan 22256 Bailey, D.R. Tropical Agriculture Research Station, Johnstone; Australia 22557 Baker, R.R. Bristol Univ., England; Dept. of Zoology Badry, E.L. Rrague, Nusle, horni 2, Czechoslovakia Barbier, R. Faculte des Sciences, Rennes, France; Lab. de Biologic Animal Bartos, P. Central Research Institute for Plant Production.; Prague Ruzyne, Czechoslovakia 22493 Barus, V. Cerboslovak Academy of Sciences, Prague; Inst. of Parasitologya Bassiouni, A. A. Cacanone, R.A. Instituto Nacional de Tecnologia Agropecuaria, Instituto de Zoonosis 22464 Cafferata, R. L. Iowa Univ., Iowa City; Dept. of Zoology 22364 Cafferata, R. L. Iowa Univ., Iowa City; Dept. of Zoology 22364 Campbell, C. H. Agricultural Research Agricultural Research Agriculture, Harrow, Ontario; Research Inst., Surrey, England Amanchester Museum, England; Dept. of Entomology 22367 Carle, P. Station d' Entomologie Forestiere, Avignon, France; Carle, P. Station d' Entomologie	Askew, R R	22631 Bhat, U K M	International Rice Research Inst., Philippines
Aurwood, I S Animal Research Inst., Brisbane, Australia Badry, E L Khartoum Univ., Sudan 22256 Bailey, D R Tropical Agriculture Research Station, Johnstone; Australia 22577 Baker, R R Bristol Univ., England; Dept. of Zoology Barbier, R Faculte des Sciences, Rennes, France; Lab. de Biologie Animale Bartos, P Central Research Institute for Plant Production; Parague Ruyre, Czechoslovakia 22493 Bartos, P Carlerata, R L New York State Univ., Stony Brook; Dept. of Biological Sciences 22639 Bartos, P Cardwell, R L Iowa Univ., Iowa City; Dept. of Zoology 22364 Campbell, C H Agricultural Research Service, Greenport, N. Y.; Prague, Ruyre, Czechoslovakia 22558 Bartos, P Central Research Institute for Plant Production; Pague Ruyre, Czechoslovakia 22493 Bartos, V Czechoslovak Academy of Sciences, Prague; Inst. of Parasitology 22757 Bassiouni, A A Carley, P State Univ., Stony Brook; Dept. of Biology 22639 Calfwell, R L Iowa Univ., Iowa City; Dept. of Zoology Campbell, C H Agricultural Research Service, Greenport, N. Y.; Prague, Ruyre, Czechoslovakia 22259 Borce, H R Canada Dept. of Agriculture, Harrow, Ontario; Research Station 22259 Brandon, J H Department of Agriculture, Wanganui, New Zealand Brindle, A Manchester Museum, England; Dept. of Entomology 22366 Carle, P Station Carle, P Station Carle, P Station d' Entomologie Forestiere, Avignon, France Carlson, G Halsingborg, Kurigatan 9, Sweden Casarosa, L Prisa Univ., Italy; Istituto di Parassitologia gy 22367 Case, J Calfornia Univ., Stanta Barbara; Dept. of Biology Castro, J G Instituto lopez-Neyra de Parasitologia, Granada, Spain: Seccion de Immunoparasitologia Spains, Seccion de Immunoparasitologia	Ata, F A Near East Animal Health Inst., Egypt; Rinderpest	Bhatia, G N Plant Protection Directorate, New Delhi, India	Instituto Nacional de Tecnologia Agropecuaria, Buenos Aires; Argentina; Instituto de Zoonosis
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	22657 Ambler,	Gupta, O P	2275	Horsburgh, R L Pennsylvania State University, Arendtsville; Fruit
Pennsylvania Gambogi, P	22570	Gutierrez, J P	2572	Research Laboratory 22282 Hort, I The Hebrew Heire Reheart James Port of
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Kirchberg, E	22420	Maaten, M J Van Der
Viktoriastrasse 11-13, 54 Koblenz	Lanham, U N	Iowa State Univ., Ames; Veterinary Medical
22622 Klaus, G	Saline Valley Farms, Michigan	Research Inst. 22688
Agricultural Experiment Station, Stillwater, Okla.	22421	Maceljski, M
22675	Lanphear, F O Purdue University, Lafayette, Indiana	Agricultural Faculty Zagrab, Yugosalvia
Knulle, W	22584	Mackaner M
Ohio Agricultural Research and Development	Lawrence, J M	Mackauer, M Frankfurt a. M., Germany
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22247	22791	Mackenzie, J W
Koen, H	Leal, J A	Chevron Chemical Company, Richmond, Califor-
Plant Protection Research Inst., Pretoria, Trans-	Centro de Investigaciones Biologicas, Madrid, Spain; Inst. de Biologia Celular	nia 22586
vaal 22788	22504	Mackerras, M J
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Beltsville Parasitiological Lab. 22689	Medicine.; Bratislava, Czechoslovakia	Nelson, G H
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Floristic Botany Div. 22587	banne,; France; Lab. de Biologie 22428	Nemec, S J
Maillet, P L	Meyer, R E U S Dept of Agriculture, College Station, Texas;	Texas Agricultural and Mechanical University, College Sta; Tion.; Dept. of Entomology
Faculte des Sciences, Rennes, France; Groupe de Recherches de Biologie cellulaire	Agriculture Research Service; Crop Research Divi-	22795
22505 Marks, E P	sion 22592	Newell, 1 M California Univ., Riverside; Dept. of Life Sciences
Agricultural Research Service, Fargo, N. Dak.; Metabolism and Radiation Research Lab.	Meyer, R H Illinois State Natural History Survey, Urbana	Newton, M 22312
22425	Mickovski, M	Oregon State University, Corvallis, Oregon
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History 22770	Miller, L 1 22593	gen,; Netherlands
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22690 Mason, G W	U. S. Dept. of Agriculture, Houma, Louisianna;	Nixon, G E J
Ivon Watkins-Dow Limited, New Plymouth, New	Agriculture Research Service; Crops Research Division	Commonwealth Inst. of Entomology, London, En-
Zealand 22588	Moens, P B 22594	gland 22314
Mathur, R L Department of Agriculture, Jaipur, India; Plant	York Univ., Toronto, Ontario; Dept. of Biology 22478	Oliver, L R Arkansas Agricultural Experiment Station, Fayet-
Pathology Section 22589	Monaco, T J	teville 22793
Maxwell, J W	U. S. Dept. of Agriculture, Raleigh, North Carolina; Agricultural Research Service; Crops	Oliver, W W
Hercules Powder Company, Wilmington, Delaware 22590	Research Division 22815	Pacific Southwest Forest and Range Experiment Station,; Redding, Calif.
Mayer, V M Maryland Univ., College Park	Monaco, T J	Olsufjev, N G
22691	U. S. Dept. of Agriculture, Raleigh, North Carolina; Agricultural Research Service; Crop	Moscow D-317, USSR 22315
Mayr, R Ludwig Maximilian Universitaet, Muenchen, West-	Research Division 22816	Oman, P
germany; Institut fuer Mikrobiologie und Infektion- skrankheiten; der Tiere	Monreal, G Landes Veterinaeruntersuchungsamt fuer Rhein-	Oregon State University, Corvallis 22316
McCain, C S	land Pfalz,; Koblenz, West Germany	Ordish, G Ministry of Overseas Development, London, En-
Auburn Univ., Ala.; Dept. of Microbiology	Moolani, M K	gland; Tropical Pesticides Research Headquarters and Information; Unit.
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22426	U. S. Dept. of Agriculture, Raleigh, North	tion, Belle; Glade, Florida 22599
McClanahan, R J Canada Dept. of Agriculture, Harrow, Ontario;	Carolinia; Agricultural Research Service; Crops Research Division	Ota, A K Agricultural Research Service, Beltsville, Md; En-
Research Station 22532	Morgan, M J Mrs	tomology Research Division 22317
McDougald, L R Kansas Agricultural Experiment Station, Manhat-	University Coll. of North Wales, Bangor; Dept. of Agricultural and Forest Zoology	Otake, A
tan; Dept. of Zoology	22307	Shikoku Agricultural Experiment Station, Zentuzi 22534
McGuire, J L	Mosher, A H Connecticut Univ., Storrs; Dept. of Animal Dis-	Parrot, W L Agricultural Research Service, Brownsville, Tex;
Princeton Univ., N. J.; Dept. of Biology 22427	eases 22700	Entomology Research Division 22434
McLeod, R W	Mouton, J Bruxelles Univ., Belgium; Lab. de Biologie	Partyka, R E
Department of Agriculture, Rydalmere, Australia 22549	Animale et d'Histologie Comparee	Ohio State Univ.
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22591 Mehta, P R	Polish Academy of Sciences, Warsaw; Zoological Inst.	tomologie 22435
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Agricultural Research Service, Albuquerque, N. M.; Animal Disease and Parasite Research Div.	Mullins, J A	Patel, H R
Menke, H-G	Iowa University, Ames	Helicopter Services Pvt. Ltd., India 22536
Wilhelmshaven, West Germany	Myers, A A 22597	Patty, R E Agricultural Research Service, Greenport, N. Y.;
Merkal, R S	Swansea Univ. Coll., Wales; Dept. ofzoology 22430	Plum Island Animal Disease Lab. 22702
Agricultural Research Service, Ames, Iowa; National Animal Disease Lab.	Nanda, K K Punjab Univ., Chandigarh, India; Dept. 0of Botany	Pearson, F B
Merkal, R S	22818	Department of Agriculture, Adelaide, Australia 22786
Agricultural Research Service, Ames, Iowa; Na-	Naton, E Bayerische Landesanstalt für Bodenkultur, Pflan-	Peponnet, F Faculte des Sciences, Montpellier, France; Lab. de
tional Animal Disease Lab.	zenbau; und Pflanzenschutz, Muchen, West Ger- many	Zoologie 22436
Merkal, R S Agricultural Research Service, Ames, Iowa; Na-	Neindorff, U V	Peter, C P lowa State Univ., Ames; Dept. of Veterinary
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Pettersson, J Agricultural Coll. of Sweden, Uppsala: Dept. of Plant Pathology	Research Division 22538 Robson, J East Animal Health Institute, Baghdad; Iraq Unit	Schmidt, D Friedrich-Loeffler-Inst., Insel Riems, East Germany; Abteilung fuer angewandte Virusforschung
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Pirtle, E C Agricultural Research Service, Ames, Iowa; National Animal Disease Lab.	Rogers, B J Hawaii University, Hilo	Schulze, P Friedrich-Loeffler-Inst., Insel Riems, East Ger-
Pirtle, E C Agricultural Research Service, Ames, Iowa; Na-	Rogers, C J San Mateo County Mosquito Abatement District, Burlingame,; Calif. 22249	many 22721 Schulze, P Friedrich-Loeffler-Inst., Insel Riems, East Ger-
pittman, B Communicable Disease Center, Atlanta, Ga.	Rooproy, R D Standard Mineral Products Pvt. Ltd., Bombay, India	many 22722 Scorza, J V
Polak, Z Institute of Experimental Botany, Prague,	Rosenquist, B D Missouri Univ., Columhia; Dept. of Veterinary Microbiology	Universidad Central de Venezuela, Caracas; Dept. de Microbiologia y Parasitologia Seaman, D E
Czechoslovakia; Dept. of Plant Pathology 22507 Polak, Z Czechoslovak Academy of Sciences, Prague; Dept.	Rosicky, B Czechoslovak Academy of Sciences, Prague; Inst. of Parasitology	California University, Davis 22604 Seaman, D E California University, Davis
of Plant Pathology Poole, A F	Ross, H H Illinois Natural History Survey, Urbana	Seibold, H R Tulane Univ., Covington, La.; Delta Regional Pri-
Leicester Univ., England; Dept. of Zoology Popham, E J Salford Univ., England; Dept. of Biology	Ross, J Virginia Univ., Charlottesville; Dept. of Biology 22444	mate Research Center 22723 Seidenstucker, G Eichstatt, Germany
Popham, E J Royal Coll. of Advanced Technology, Salford, En-	Ross, M A Purdue University, Lafayette, Indiana 22819	Seiffert, L Hohen-Neuendorf bei Berlin, Germany
gland; Biological Labs. Pospisil, Z Veterinary Research Institute, Brno,	Royer, M Faculte des Sciences, Orleans, France; Lab. de Biologie cellulaire et animale 22445	22446 Sekiguchi, K National Inst. of Animal Health, Tokyo, Japan; Third Research Div.
Czechoslovakia 22707 Povolny, D	Rubin, R Colorado State Univ., Fort Collins; Coll. of Veterinary Medicine and Biomedical Sciences; Dept. of Pathology	Sells, G D lowa State University, Ames
Landwirtschaftlichen Hochschule, Czechoslovakia; Lehrstul für Zoologie Pschorn-Walcher, H Brno, 22322	Sabrosky, C W U. S. Dept. of Agriculture, Washington, D. C.;	Sen-Sarma, P K Forest Research Inst., Dehra Dun, India; Forest En- tomology Branch
Commonwealth Institute of Biological Control, Delemont,; Schweiz 22438	Agricultural Research Service; Entomology Research Division 22326 Saidak, W J	Service, M W The Nature Conservancy, Huntingdon, England; Monks Wood Experimental Station
Pulsford, M F Department of Agriculture, Adelaide, Australia 22708 Rabie, C J	Canada Dept. of Agriculture Research Station, Harrow,; Ontario, Canada 22601 Sakakibara, 1	Seth, M L Indian Agricultural Research Inst., New Delhi; Div. of Mycology and Plant Pathology
Pretoria Univ., Transvaal; Faculty of Agriculture 22709 Rack, G	B. P. Bishop Museum, Honolulu, Hawaii 22327 Saubert, S	Sexton, O J Washington Univ., St. Louis, Mo.; Dept. of Biology
Zoologisches Sthatsinstitut und Zoologisches Museum,; Hamburg, Germany Ragge, D R	Pretoria Univ., Transvaal; Faculty of Agriculture 22510 Schallock, D A Rutgers - The State University, New Brunswick,	Sherman, I W California Univ., Riverside; Dept. of Life Sciences 22725
British Museum (Natural History), London, England	New Jersey 22603 Schalm, O W California Univ., Davis; School of Veterinary	Sherwood, C H Iowa State University, Ames 22822 Shipman, R D
Rajak, R L Defence Research Lab. (materials), Kanpur, India 22439 Ravise, A	Medicine; Dept. of Clinical Pathology 22713 Schalm, O W California Univ., Davis; School of Veterinary	Pennsylvania State Univ., University Park; School of Forest Resources 22796 Sikes, D
Office de la Recherche Scientifique et Technique; Outre-Mer, Brazzaville, Congo 22440 Reinhard, H J	Medicine; Dept. of Clinical Pathology Schmidt, D 22714	Georgia Univ., Athens; School of Veterinary Medicine 22726
Texas A and M University 22324 Riek, E F	Friedrich-loeffler-institut Insel Riems, East Germany; Ahteilung fuer Angewandte Virusforschung 22715 Schmidt, D	Silhavy, V Tschechoslowakische Entomologische Gesellschaft, Prague.; Czechoslovakia 22450
Commonwealth Scientific and Industrial Research; Organization, Canberra, Australia; Div. of Entomology 22325	Friedrich-Loeffler-Inst., Insel Riems, East Germany; Abteilung fuer Angewandte Virusforschung 22716 Schmidt, D	Simmonds, F J CIBA, United Kingdom Singh, G
Roberts, D H Central Veterinary Lab., Weybridge, England 22710	Friedrich-Loeffler-Inst., Insel Riems, East Germany; Abteilung fuer Angewandte Virusforschung 22717	Indian Veterinary Research Inst., Izatnagar, India; Biological Products Div.

Singh, H G College of Agriculture, Udaipur, India; Dept. of Agronomy	Strassen, R Z Forschungs-Institut Senckenberg, Frankfurt, West Germany	Urquhart, F A Toronto University, Ontario; Scarborough College 22461
Singleton, L	Stubbs, A E	Vainisi, S J Animal Medical Center, New York, N. Y.
Glaxo Labs. Ltd., Greenford, Middlesex, England 22728	Hanwell, 91 Clitherow Avenue, England 22334	Van Frankenhuyzen, A
Sinha, P K Bengal Veterinary Coll., Calcutta, India; Dept. of	Sturckow, B Agricultural Research Service, Beltsville, Md.; Entomology Research Div.	Plantenziektenkundige Dienst, Wageningen, Netherlands 22542
Pathology and Preventive Veterinary Medicine 22774	22457 Stys, P	Vandendorn, W H Alberta University, Edmonton, Alberta, Canada
Sinha, T D Ranchi Agricultural Coll., Kanke, India 22607	Khartoum Univ., Sudan; Dept. of Zoology 22335	22826 Venter, I G
Sittler, O D Texas A M Univ., Coll. Station; Dept. of Physics	Summers, W A Indiana Univ., Indianapolis; School of Medicine; Dept. of Microbiology	Division of Plant Pest Control, Pretoria, Transvaal 22462
Slais, J	Suzuki, Y	Vera, T University of Nebraska Mission, Bogota, Colombia
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22775 Slais, J	Sylven, E National Swedish Inst. for Plant Protection,	Pisa Universita, Italy; Istituto di Patologia Vegetale 22553
Czechoslovak Academy of Sciences, Prague; Inst. of Parasitology	Stockholm 22841	Vetterlein, W Friedrich-Loeffler-Inst., Insel Riems, East Ger-
22776 Smith, G E	Taimr, L Central Research Institute for Plant Production;	many; Elektronmikroskopische Abteilung 22742
Tennessee Valley Authority, Wilson Dam, Alabama	Prague Ruzyne, Czechoslovakia	Vigario, J D Laboratorio Nacional de Investigação Veterinaria,
22608	Takagi, S	Lisbon,; Portugal; Dept. of Virus 22743
Smith, L W California University, Davis	Hokkaido Univ., Sapporo, Japan; Entomological Inst.	Vilas, J M T
Smolak, J	22337 Taul, L K	Patronato de Biologia Animal, Madrid, Spain 22780
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22513 Snow, J W	Taylor, R W	many 22744
Agricultural Research Service, Tifton, Ga.; Entomology Research Division	Commonwealth Scientific and Industrial Research Organiza; Tion, Canberra City, Australia; Div. of Entomology	Vostral, H J Wisconsin University, Madison 22612
22452 Soans, A B	22338	Wagner, E
Malabar Christian Coll., Calcutta, India; Dept. of Zoology	Tazieff-Depierre, F Institut Pasteur, Paris, France; Lab. de Phar-	Hamburg, Germany 22341
Sokkar, I M H	macologie 22459	Wagner, S Friedrich-Loeffler-Inst., Insel Riems, East Ger-
Assiut Univ., Egypt; Faculty of Veterinary Medicine	Tempelis, C H California University, Berkeley; School of Public	many 22745
22729 Somme, L	Health 22460	Wain, R L London Univ., England; Wye College
Statens plantevern, Vollebek, Norway, Zoologisk avdeling	Terblanche, M Veterinary Research Inst., Onderstepoort	Wallace, B
Srivastava, C P	Thompson, F B Department of Agriculture, Wellington, New Zea-	Cornell Univ., Ithaca, N. Y.; Dept. of Plant Breeding
Defence Research Laboratories (materials), Kan- pur, India	land 22610	Wallace, M M H
22455 Srivastava, K C Citrus Die-back Research Station, Gonicoppal,	Tideman, A F Department of Agriculture, Adelaide, Australia	Commonwealth Scientific and Industrial Research; Organization, Wembley, Australia; Div. of Entomology
Coorg., India	Tomanek, J	Wallis, R C
Srivastava, K S L Banaras Hindu Univ., Varanasi, India; Dept. of	Veterinary Research Institute, Brno, Czechoslovakia 22779	Yale University, New Haven; Dept. of Epidemiology and Public Health; Yale Arbovirus Research Unit
Chemistry 22514	Topciu, VI Institut d'Hygiene, Timisoara, Rumania	22465
Srivastava, M P Punjab Agricultural Univ., Kapurthala, India	22735 Tuff, D W	Wang, G T Illinois Univ., Urbana; Dept. of Veterinary Patholo-
22783 Staples, K J	Southwest Texas State College, San Marcos; Dept. of Biology	gy and Hygiene 22781
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Steiner, H	Urbaneck, D Friedrich-Loeffler-Inst., Insel Riems, East Ger-	Watanabe, C
Landesanstalt für Pflanzenschutz, Stuttgart 22492	many 22736	Hokkaido Univ., Sapporo, Japan; Entomological Inst.
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Wright, S

22750

Wilson, B H

22471

Wilde, G Wilde, G

tomology	Louisiana State Univ., Baton Rouge.; Agricultural Experiment Station	Wisconsin Univ., Madison; Dept. of Genetics 2248
22469	22472	Wunderlich, W E
Wilde, W H A Guelph University, Ontario; Ontario Agricultural	Wilson, E.O.	U. S. Army Corps of Engineers, New Orleans Louisiana
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Wilkinson, N W	Wittmann, E	Yinon, U
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Canada	22747	2247
22470	Wittmann, W	Zee, Y C
Williams, E.I.	Friedrich-Loeffler-Inst., Insel Riems, East Ger-	California Univ., Davis; School of Veterinar
Oklahoma State Univ., Stillwater, Coll. of Veteri-	many	Medicine; Dept. of Microbiology
nary Medicine; Dept. of Veterinary Medicine and	·	2275
Surgery	Wood, R Ł 22748	Zeiger, C F
22746	Agricultural Research Service, Ames, Iowa; Na-	U. S. Corps of Engineers, Jacksonville, Florida
Williams, J C	tional Animal Disease Lab.	. 2283
Louisiana State Univ., New Orleans; Dept. of Trop-	22749	Zimmerman, E C
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22782	Wray, D L	2234
Williams, J L	North Carolina Dept. of Agriculture, Raleigh; Divi-	
Purdue University, Lafayette, Indiana	sion of Entomology	
22614	22344	
Wilson, B H	Wright, N G	
Louisiana State University, Baton Rouge; Agricul-	Glasgow Univ., Scotland; Dept. of Veterinary	
tural Experiment Station	Pathology	
22471		

AUTHOR INDEX

Abels	eth, M K	22646	Breton, A P	22391	Dalal, J L	22564	Freeman, G H	22524
Ackla	ind, D M	22251	Brindle, A	22260	Dale, F H	22845	Freeman, J A	22500
	252	22457	22320, 22321 Brock, W E	22673	Dancesco, P 22379	22377	22569 Frensch, H	22831
	ns, JR ns, RS	22810	Brokke, M E	22559	Dando, J	22380	Freundlich, M	22639
Addy	, N D	22415	Brooker, P J	22357	Dando, M R	22380	Furtick, W R	22556
Adiyo	odi, K.G	22346	Brooks, M A	22382	Daniel, M	22381	Gagliardi, G	22641 22657
	sson, P L nalean, H	22795 22554	Brooksby, J B Brough, C R	22633 22496	Danieł, R S Daniełs, N E	22382 22383	Gailiunas, P Gallagher, J E	22570
	wal, S K	22595	Broussal, G	22358	Dardiri, A H	22668	Gambogi, P	22501
Akey.		22347	Brousse-Gaury, P	22359	Datta, S K De	22522	Gangwar, O P	22572
Alex,		22555 22253	22360, 22361	22624	David-West, T S	22648 22384	Garg, S P Geer, B W	22658 22396
	nder, C P , G G	22623	Brown, A L Browne, J G	22634 22635	Davies, D M Davis, D W	22523	Geissinger, H D	22659
226			Browniee, A	22643	Davis, E V	22634	Gentner, W A	22838
	ault, T E	22625	Brownrigg, P W	22636	Davis, F S	22576	George, J	22785
	rson, D T rson, E L	22348 22384	Bruce, J M Buchanan, G A	22789 22806	22585 Davis, H E	22649	Gersdorf, E Ghosh, B K	22846 22660
	rson, N	22756	Buchholtz, K P	22612	Dawson, J H	22808	Gill, G S	22564
Anslo		22664	Buck, W B	22690	De Beaumont, J	22268	Gillon, J	22357
Aoki,		22621	Buechel, K H	22560	DeFoliart, G R	22244	Gimenez-Martin, G	22568 22397
Appe	by, A P	22349 22556	Bullock, H R Burns, E C	22362 22471	22245 Delavault, R	22445	Gleiss, H G W Gluhovski, N	22682
Areva		22482	Burton, R L	22452	Denisen, E L	22822	Goble, H W	22525
Armo		22756	Bush, D P	22561	DeRemer, R J	22451	Godan, D	22398
	dev, D R r, K R S	22559 22752	Bushnell, R B	22754	Desai, B K	22784 22798	22399 Godfrey, G L	22400
	n, F M	22804	Busvine, J R Butler, J D	22363 22562	Deschiens, R Deshpande, B V	22809	Gois, M	22661
	v, R R	22254	Bwangamoi, O	22637	Desser, S S	22650	Goldin, H H	22475
222		22222	Byrnes, F C	22521	DeVolt, H M	22691	Goldsmit, L	22662
Asqui Ata, I		22282 22626	Cabasso, V J Cacchione, R A	22638 22760	Deyoe, B L Dhamdhere, S V	22651 22449	Gomez-Miranda, B Gomez, I	22504 22401
	ood, I S	22794	Cafferata, R L	22639	Dickason, E A	22385	Goodchild, A J P	22402
Avdat	, N	22752	Caldwell, R L	22364	Dickerson, C T	22565	Gourret, J P	22505
	ngar, R S , E L	22522 22256	Calnaido, D Campbell, C H	22541 22640	Dickerson, W A 22409	22408	Gray, B J Grell, R F	22550 22476
	DR	22557	Campbell, J M	22365	Dimopoullos, G T	22649	Griffiths, G C D	22272
	, D R	22828	Campbell, L H	22740	Dingle, H	22364	Grinbergs, A	22273
	, R R	22350	Camper, N D	22830	Dirlbek, J	22458	Grover, K K	22484
Bakke Bantii	e, A ng, J D	22517 22558	Cannon, M S Cantelo, W W	22619 22452	Dodge, H R Doll, C C	22269 22566	Grover, P Gruenhagen, R D	22274 22571
Barbi		22351	Carle, P	22366	Dominick, C B	22386	Grumbles, L C	22741
Barth		22721	Carlsson, G	22367	Donovan, E F	22654	Guelin, M	22403
Barto Barus		22493 22757	22368 Carnero, R	22687	Dorough, H W Dottlinger, S	22795 22387	Guichard, K M Gull, P W	22275 22567
	ouni, A A	22627	Carroll, E J	22713	Dougherty, E	22652	Gulrajani, T S	22727
227	58		22714		22702, 22723		Gupta, B K	22447
	ey, P G	22565 22805	Casarosa, L	22761 22760	Downey, J C	22388 22560	Gupta, O P	22572 22427
	nont, J D	22257	Cascelli, E S Case, J	22369	Draber, W Dragan, J	22735	Gussin, A E S Gutierrez, J P	22276
Beave	r, R A	22352	Castro, J G	22762	Drudge, J H	22768	Gyllensvard, N	22277
223		22205	Castrucci, G	22641	Du Chatelet, M F A	22667	Gysels, H	22547
Beck, Beck,		22295 22570	Catts, E P Cech, M	22483 22507	Dubrovin, K P Duncan, J R	22567 22703	Hacig, A Hackett, A J	22767 22751
Becke	nhauer, W H	22634	Cerna, Z	22642	Duplessis, R J	22391	Hall, T F	22608
	r, C H	22628	Cerny, V	22261	Edelson, E	22389	Hamamoto, Y	22515 22663
Becke Becke	tt, E B	22618 22354	22381, 22753 Chandler, P J	22262	Ehara, Y El Ezz, M A	22498 22758	Hamdy, A H Hamilton, J M	22763
Becko		22503	Chandler, R L	22643	El Hatw, I A	22758	Hammond, A M	22406
Bedrn		22629	Chanter, K V	22728	El-Dahaby, H	22729	Hamon, C	22505
	ns, R W Petersen, B	22810 22518	Chanussot, B Chararas, C	22380 22370	El-Ezz, M A El-Hatw. I A	22627 22627	Hannemann, H J 22279	22278
Bell, (G L	22690	Chemsak, J A	22263	El-Sabbagh, A H	22729	Hansen, M F	22694
	min, D M	22243	22264	22271	Elberg, S S	22623	Hanson, R P	22664
	ett, T P n, H J	22630 22537	Cheng, L Cherry, W B	22371 22706	Ellenby, C Ellenby, C.	22545 22546	Hantschel, H 22683, 22721	22665
Bergn	nann, H	22739	Chvala, M	22315	Ellinghausen, H C	22653	Happich, F A	22759
227 Popus		22620	Cilli, V	22641	Ellis, P	22390	Harding, J A	22373
Bertra	nann, V an, M	22628 22519	Clark, R L Clarke, C A	22771 22477	Emerson, A E Espinoza, W G	22270 22810	Hari, M N Harris, R L	22526 22404
Betrei	n, J G	22258	Clarke, C S	22383	Eveleens, K G	22365	Hart, B	22789
	aran, K	22631	Clarke, J E	22265 22372	Eyndhoven, G L van	22271 22654	Harvey, D H	22275
	UKM , GN	22355 22486	Cohen, E Coineau, Y	22266	Fairchild, G A Favati, V	22761	Havel, K Hayes, J	22579 22248
Bhatn	agar, G C	22494	Comes, R D	22790	Fernandez-Gomez, M E	22568	Hayward, K J	22405
Bick,		22356	Conway, S C	22373	Ferraz, F P	22743	Hazzard, J	22559
Bick, Bitsch		22356 22435	Cook, B J Coppel, S	22374 22644	Field, G Fitzgerald, G P	22391 22811	Hechenbleikner, I Heddleston, K L	22832 22666
	Loizelier, A	22632	22645		Fitzgerald, P R	22655	Heinig, A	22736
	r, H M	22829	Corbiere, G	22375	Fjelddalen, J	22499	Helmboldt, C F	22700
	op, C W pa, K M	22597 22490	Cortell, J M Cottral, G E	22563 22657	Fleischmann, W R Flynt, T O	22392 22576	Henry, M Hensley, S D	22667 22406
Bond,	10	22671	Coulianos, C-C	22376	Foster, N M	22656	22452	22400
Boray	, J C	22759	Courtrez, D	22807	Foulk, J D	22393	Hepner, L W	22280
Bosch Bouce		22492 22259	Cowan, C F Crawley, J F	22267 22646	Fourie, G J J Foy, C L	22394 22823	Herbst, H G Herrett, R A	22407 22573
Bove,		22813	Cristesco, A	22377	Frank, P A	22790	Hess, E H	22448
Bovey	, R W	22576	Crouch, D	22623	Franklin, T E	22741	Hess, W R	22668
Boyce	, H R on, J H	22495 22520	Crow, J	22497 22647	Frans, R E Franz, J M	22793 22395	Hetrick, F M	22691
Brcak		22513	Crump, M H Cunningham, D G	22378	Frazar, E D	22393	Heywood, B J Hibler, C P	22527 22772
Bressa		22435	Czajka, M	22459	Fredrickson, C J	22486	Higuchi, H	22281

Hiltibran, R C	22574	Koide, F	22724	Marconcini, A	22761	Nilsson, B	22432
Hisada, T	22580	Kokernot, R H	22248	Marks, E P	22425	Nishiitsutsuji-Uwo, J	22433
Hoff, P	22446	Kokles, R	22676	Marshall, A.G.	22770	Nishimura, T	22515
Hoffman, J D 22409	22408	22683, 22739, 22745, 2 Kondo, Y	2748	Marshall, V L Martinez, E S	22690 22760	Nixon, G E J	22314
Hoffmann, J A	22410	Kopecky, K E	22677	Marvin, P	22792	Norman, B B Novak, K	22673 22411
Hogewind, W L	22788	22696, 22697, 22698		Mason, G W	22588	Ohishi, I	22765
Holan, G	22575	Korn, G	22678	Mathur, R L	22589	Olechnowitz, A-f	22676
Holbert, P E	22457	Korte, F W A G K	22560	Maxwell, J W	22590	Olesiuk, O M	22710
Holomb, I. C.	22689 22619	Koula, V	22801	Mayer, D P	22835	Oliver, L R	22793
Holcomb, L C 22620	22019	Kozlowski, T T Kralik, O	22582 22507	Mayer, V M Mayhew, R L	22691 22782	Oliver, W W Olsufjev, N G	22617 22315
Hollingsworth, E B	22790	Kramar, J	22679	Mayr, R	22692	Oman, P	22316
Holmsen, T W	22598	Kramer, J A	22573	McCain, C S	22693	Ooka, H	22600
Hoogstraal, H	22246	Kraus, O	22294	McCann, F V	22426	Ordas, E P	22833
Horsburgh, R L Hort, I	22282 22799	22295 Krishnamoorthi T	22502	McClanahan, R J McDougald, L R	22532	Ordish, G	22840
Howmiller, R P	22/99	Krishnamoorthi, T Krishnan, A S	22583 22583	McGuire, J L	22694 22427	Orsenigo, J D Ortiz, I	22599 22329
Hrdy, I	22411	Kristensen, N P	22419	McKeen, C D	22495	Ota, A K	22317
Hubbert, W T	22669	Krupnikova, T	22825	McKenzie, H	22537	Otake, A	22534
Hubele, A	22836	Kruseman, G	22296	McLeod, R W	22549	Packer, R A	22688
Hunt, E V	22616	Kuhistova, J	22764	Meggitt, W F	22591	Pain, J	22442
Hunter, G D Hursey, R A	22670 22576	Kulda, J Kume, S	22680 22765	Mehrotra, K Mehta, P R	22818 22802	Panaitesco, D Paramonov, J	22767 22318
Hutchinson, P B	22502	Kuramasu, S	22681	Meiniel, R	22424	Parrot, W L	22434
lablokoff-Khnzorian,	22412	Kusigemati, K	22297	Meleney, W P	22695	Partyka, R E	22506
Ichikawa, M	22414	Kutacek, M	22825	Menke, H-G	22305	Passera, L	22435
Ilnicki, R D	22577	LaBerge, W E	22298	Merkal, R S	22677	Patel, H K	22535
Imamura, Y Imaseki, H	22681 22812	Labzoffsky, N A Lafleche, D	22648 22813	22696, 22697, 22698 Merkle, M G	22576	Patel, H R Patel, V C	22536 22535
Irving, N S	22413	Landin, J	22420	Merry, D L	22634	Patty, R E	22652
Isaacson, P A	22800	Lanham, U N	22421	Mestitzova, M	22803	22702	22002
Ishihara, T	22283	Lanphear, F O	22584	Mestres, G	22428	Pearson, F B	22786
Ishimoto, N Ishizaki, H	22580 22414	Larsen, A B	22677	Meyer, R E 22592	22576	Penner, D	22804
Israel, P	22528	22696, 22697, 22698 Lasmanis, J	22713	Meyer, R H	22533	Peponnet, F Perti, S L	22436 22439
Iwata, K	22284	22714		Mickovski, M	22593	22455	22.07
lyer, S S	22631	Lauret, T H	22249	Mikulikova, L	22764	Peter, C P	22703
Jansen, J Janzen, G J	22285 22548	Laviolette, P Lawrence, J M	22428 22791	Miller, H K Miller, J N	22392 22669	Peterson, L K Petr, G	22537 22672
Jarrett, W F H	22756	22805	22/71	Miller, L I	22550	Petropulos, S F	22433
Jarvis, J A	22529	Leal, J A	22504	Millhollon, R W	22594	Pette, J	22692
Jeekel, A W	22296	Leasure, J K	22814	Millikan, A F	22552	Pettersson, J	22319
Jefferey, L S Jennings, D T	22578 22415	Lee, R F Lehman, S K	22422 22585	Millson, G C Misawa, T	22670 22498	Petzold, K Piedade, J R	22692 22834
Jennings, F W	22756	Lehmann, R P	22696	Misra, B C	22528	Pillai, M K K	22484
Jennings, W L	22671	22697, 22698		Moens, P B	22478	Pirtle, E C	22704
Jermoljev, E Jiran, E	22503 22672	Leib, E	22847 22834	Molt, K R	22832	22705 Pittendrigh C S	22422
Jochim, M M	22635	Leiderman, L Leopold, R A	22425	Monaco, T J 22816, 22817	22815	Pittendrigh, C S Pittman, B	22433 22706
Johansson, R	22286	Lepidi, A A	22553	Monlux, W S	22696	Plastridge, W N	22700
Johnson, C	22287	Levin, S	22682	22697, 22698	22/00	Polak, Ž	22507
22288, 22289, 22290 Joly, P	22410	22735 Lewis, A L	22671	Monreal, G Monro, H A U	22699 22306	22508 Poole, A F	22437
Jones, E W	22673	Liebermann, H	22676	Moolani, M K	22595	Popham, E J	22320
22675, 22746		22683, 22684, 22684, 2		Moreland, D E	22815	22321	
Jones, J C	22347	22686, 22721	22450	22816, 22817, 22830 Margan, M. I. Mrs	22207	Porte, A	22410
Jones, L Jones, T H	22579 22416	Lievremont, M Lith, J P van	22459 22299	Morgan, M J Mrs Morris, C D	22307 22244	Pospisil, Z Potgieter, W J	22707 22462
Jourdheuil, P	22519	Livinson, H Z	22372	22245		Povolny, D	22322
Judson, C L	22417	Lloyd, J E	22300	Morris, L R	22596	Powell, D	22509
Juhasz, M	22721	22301	22712	Morton, H L	22576	Prasad, N	22494
Jungerman, P F Juracka, B	22741 22672	Loan, R W Lohmann, M	22712 22423	Mosher, A H Moucha, J	22700 22315	Prasad, S N Pschorn-Walcher, H	22274 22438
Kaaden, O R	22674	Long, P L	22766	Moulton, J E	22658	Pulsford, M F	22708
Kangas, E	22530	Long, S H	22408	Mouton, J	22429	Purohit, A N	22818
Karunaratne, P B	22477	Loomis, E C	22754	Mroczkowski, M	22308	Quinn, L Y	22696
Kathein, R A Kauri, H	22671 22291	Lopez-Saez, J F Lovely, W G	22568 22597	Mueller, F P Mullins, J A	22309 22597	22697, 22698 Quiot, J M	22436
Kawai, K	22580	Lubega, M C	22402	Murray, R.G. E.	22660	Rabie, C J	22709
Kawamura, H	22724	Luca, Y de	2253 I	Murthy, Y K S	22701	22734	
Keenum, W D	22691	Lucas, A	22687	Mussell, D R	22598	Rack, G	22246
Kefeli, V Keller, J C	22825 22434	Luedke, A J Lukes, G E	22656 22559	22814 Mussgay, M	22678	22787 Radu, I	22735
Kernbach, K	22292	Lundberg, S	22302	Myers, A A	22430	Ragge, D R	22323
22418		Lupasco, Gh	22767	Nalenaja, J D	22571	Rainey, D P	22647
Kerr, H D Kesmiris D	22581 22293	Lutz-Ostertag, Y Lyons, E T	22424 22768	Nanaya, K A Nanda, K K	22490 22818	Rajak, R L Ramirez, M	22439 22329
Kesmiris, D Kikuzawa, K	22621	Lyons, E I Lysek, H	22769	Nanjappa, C K	22490	Ramsey, F K	22703
Kirchberg, E	22622	Maaten, M J Van Der	22688	Naton, E	22310	Rao, M R	22245
Klaus, G	22675	Macchioni, G	22761	Nayar, K K	22346	Ravise, A	22440
Kleckner, A L	22733	Macdonald, W W	22354 22487	Neindorff, U V Nel, M D	22431 22479	Rawat, R R Raychaudhuri, S P	22449 22512
Kliener, I O Kliewer, I O	22675 22673	Maceljski, M Mackauer, M	22303	Nelson, B C	22770	Rebers, P A	22666
Klingham, D L	22581	Mackenzie, J W	22586	Nelson, G H	22311	Reinecke, J P	22425
Kluge, J P	22696	Mackerras, M J	22304	Nemec, S J	22795	Reinhard, H J	22324
22697, 22698 Knapp, F W	22768	Madden, P A Madhukar, B V R	22689 22484	Newbold, G T Newell, I M	22357 22312	Renwick, J A A 22463	22441
Kniazeff, A J	22704	Madin, S H	22751	Newton, M	22488	Rhoades, K R	22666
Knulle, W	22247	Magbanna, J T	22522	Nichols, R E	22647	Richter, S B	22835
Kobayashi, S Koen, H	22765 22788	Maheshwari, J K Maillet, P L	22587 22505	Niijima, K Nijveldt, W	22621 22313	Riek, E F Ritchie, J S D	22325 22756
	22100		22000	V		, 0 - 2	22.00

AUTHOR INDEX

Zwo	lfer.	н

				_			
Robb, J M	22755	Seth, M L	22512	Svensson, I	22286	Vogel, K	22744
Roberts, D H	22710	Sexton, O J	22448	22336		Vostral, H J	22612
Debends D U	22538	Shaver, T N	22434	Swan, D G	22556	Wagener, K	22692
Roberts, R H							22341
Robison, W G	22444	Sheppard, P M	22477	Sweet, R D	22565	Wagner, E	
Robson, J	22755	Sherman, 1 W	22725	Sylven, E	22841	Wagner, S	22745
Roby, T O	22625	Sherwood, C H	22822	Tachikawa, T	22284	Waidyanatha, U P de S	22613
Roby, 1 C	22365		22605	Taimr, L	22458	Wain, R L	22516
Rodriguez, J G		Sherwood, L V					
Roehrer, H	22711	Shipman, R D	22796	Tajima, Y	22681	Walewaja, J D	22578
Roekel, H Van	22710	Shirke, D B	22449	Takagi, S	22337	Wallace, B	22480
	22442	Shriver, J W	22605	Takahashi, N	22824	Wallace, M M H	22464
Roger, B					22515		22465
Rogers, B J	22600	Sikes, D	22726	Takahi, Y		Wallis, R C	
Rogers, C J	22249	Silhavy, V	22450	Tan, K	22842	Wang, G T	22781
Rogers, E F	22771	Simmonds, F J	22489	Tanaka, M	22621	Warren, R H	22466
December C H	22586	Singh, G	22727	Tandon, R N	22783	Washino, R K	22250
Rogers, G H		Cit H C					22230
Rohn, E M	22565	Singh, H G	22606	Taul, L K	22733	22460	
Rohr, O	22836	Singh, K V	22626	Taylor, R W	22338	Watanabe, C	22342
22837		Singleton, L	22728	Tazieff-Depierre, F	22459	Welker, W V	22603
	22843	Sinha, P K	22774		22250		
Rooproy, R D				Tempelis, C H	22230	Wheeler, G C	22467
Root, R B	22400	Sinha, T D	22607	22460		Wheeler, J	22467
Rose, N J	22248	Sinha, V B	22631	Teranishi, T	22812	White, C E	22468
Rosenquist, B D	22712	Sittler, O D	22451	Terblanche, M	22709	White, R G	22694
					22107		
Rosicky, B	22844	Sivapalan, P	22551	22734		Whitman, L	22465
Ross, G W	22728	Sjogren, R D	22393	Testa, E	22701	Wiese, A F	22827
Ross, H H	22443	Skavaril, R V	22392	Thakur, C	22607	Wightman, J A	22543
	22444	Slais, J	22775	Thirugnanasuntharan,	22541		22469
Ross, J			44113			Wilde, G	
Ross, M A	22819	22776		Thomas, T M	22820	Wilde, W H A	22544
Roth, P	22268	Slameckova, M	22322	Thompson, F B	22610	Wilkinson, N W	22470
	22445	Smalley, E B	22647	Thorne, G	22552	Williams, E I	22746
Royer, M			22608				
Rubin, R	22772	Smith, G E		Tideman, A F	22611	Williams, J C	22782
Ruble, J A	22725	Smith, L	22545	Ting, I P	22725	Williams, J L	22614
Ryan, A F	22773	Smith, L W	22823	Tintareanu, J	22767	Wilson, B H	22471
		Smolak, J	22513	Tjeder, B	22339		22471
Sabrosky, C W	22326					22472	
Saggers, D T	22357	Snow, J W	22452	Tomanek, J	22779	Wilson, E O	22473
Saichuae, P	22621	Soans, A B	22453	Topciu, VI	22682	Wilson, G C	22383
Saidak, W J	22601	Soans, J S	22453	22735		Wira, C R	22426
		Sohier, R	22667		22700		
Saini, J S	22564			Tourtellotte, M E		Wiren, E	22343
Sakakibara, I	22327	Sokkar, I M H	22729	Trager, W	22630	Wittmann, E	22674
Salajka, E	22707	Solomon, P	22767	Trainer, D O	22664	22739, 22747	
		Somme, L	22454	Trapp, A L	22663		22720
Sallee, Wr	22602				22369	Wittmann, W	22738
Sasaki, S	22582	Srivastava, C P	22455	Trinkle, M S		22745, 22748	
Saubert, S	22510	Srivastava, K C	22490	Tschumakovski, N	22825	Wolfenbarger, D A	22362
Schallock, D A	22603	Srivastava, K S L	22514	Tuff, D W	22340	Wood, E C	22348
		Srivastava, M P	22783	Tumlin, T J	22726		
Schalm, O W	22713					Wood, R L	22749
22714		Stace-Smith, R	22500	Turetskaya, R	22825	Woods, L K	22705
Scheffler, J G	22510	Staniforth, D W	22561	Tyler, D E	22703	Work, T H	22248
		22806, 22821		Urbaneck, D	22676		22344
Schmidt, D	22715		22502	22736, 22737, 22738		Wray, D L	
22716, 22717, 22718, 2	22/19,	Stanley, P G	22502			Wright, N G	22750
22720, 22739, 22747		Stanley, R A	22608	Uritani, I	22812	Wright, S	22481
Schroder, H	22328	Staples, K J	22730	Urquhart, F A	22461	Wu, L L	22523
		Stedman, R A	22728	Urquhart, G M	22756		
Schulze, P	22683			Vackova, K	22825	Wunderlich, W E	22615
22684, 22721, 22722		Steele, H	22456			Wyman, M	22654
Scorza, J V	22329	Steenis, J H	22570	Vainisi, S J	22740	Yinon, U	22474
Seaman, D E	22604	Steiner, H	22491	Van Frankenhuyzen, A	22542	Youmans, G P	22644
	22004		22471	Vandendorn, W H	22826		22044
22820		22492				22645	
Seibold, H R	22652	Stelter, H	22332	Vashistha, R K	22589	Zajicek, D	22757
22723		Stevenson, R G	22731	V dlamudi, S	22664	Zdarska, Z	22775
	22220	Strafuss, A C	22777	Venter, I G	22462		22751
Seidenstucker, G	22330				22741	Zee, Y C	
Seiffert, L	22446	Strassen, R Z	22333	Vera, T		Zeiger, C F	22839
Sekhri, K K	22658	Strong, D R	22502	Verona, O	22553	Zeleny, J	22411
Sekiguchi, K	22724	Stubbs, A E	22334	22593		Zimmerman, E C	22345
			22457	Vetterlein, W	22742		
Sell, W J	22511	Sturckow, B				Zimmermann, W J	22777
Sells, G D	22821	Stys, P	22335	Vigario, J D	22743	Zueberbuhler, J M	22760
Sen-Sarma, P K	22447	Sumi, H	22515	Vilas, J M T	22780	Zwolfer, H	22438
		Summers, W A	22778	Vite, J P	22441	,	
Service, M W	22331		22110				
Seth, D	22764	Suzuki, Y	22824	22463			



ORGANIZATIONAL INDEX

Agricultural Research Service, Greenport, N. Y Plum Island Animal Disease Lab. 22652, 22723

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Tasmanian Dept. of Agriculture, Hobart 22378, 22732, 22773

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